ScanPoint®

ScanPoint® with QuickPrint
User's Manual

VERATHON

ScanPoint® with QuickPrint

Online Image Management System

User's Manual

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Getting Started

ScanPoint® with QuickPrint is an innovative, online service that enhances and expands the capabilities of the BladderScan® BVI 6000 series, BVI 9000 series, and FloPoint® Elite devices.

Using the online capabilities of ScanPoint® with QuickPrint you can:

- View ultrasound measurements and images from patient exams
- Print exam results for patient records and for reimbursement (if applicable) using your choice of report formats
- Save and store images and patient exam data online and take advantage of the ScanPoint® automatic file backup service. Patient exam records are stored securely on Verathon® servers in full compliance with the Health Insurance Portability and Accountability Act (HIPAA). Exam results can be accessed from any Internet-enabled computer running ScanPoint® software.
- Ensure the optimum accuracy of your instrument by calibrating online, conveniently, in a matter of minutes and as often as you wish.
- Receive automatic software and device operating system upgrades, ensuring that you always have the latest version of the ScanPoint® Image Management System for accurate patient exam measurements.
- Receive real time technical support. ScanPoint® Online allows Verathon® service technicians to remotely diagnose and troubleshoot many problems that may occur with your Verathon® device.

NOTE: Review the following information before beginning installation of the ScanPoint® software.

- **DO NOT PLUG IN ANY NEW HARDWARE DEVICES** (DOCKING STATION, WIRELESS HUB, LABEL WRITER) BEFORE INSTALLING SCANPOINT® WITH QUICKPRINT. IF YOU HAVE ALREADY PLUGGED ONE IN, CANCEL THE ADD NEW HARDWARE DIALOG AND DISCONNECT THE HARDWARE BEFORE PROCEEDING.
- Verify that your computer meets the minimum requirements for this software installation. (See “System Requirements” beginning on page 13.)
- You must have Administrator privileges on your computer to install this software.
- **Important:** Make sure you have the latest service pack and critical updates for the version of Windows that you are running. To find recent security updates, visit Windows Update. (From your Internet Explorer browser window, select **Tools** > **Windows Update**.
- The dialog boxes displayed on your screen may differ slightly from those illustrated in the following steps. In this case, follow the instructions in the dialog boxes displayed on your screen.

System Requirements

To use ScanPoint® with QuickPrint, your computer must meet the following hardware and software requirements:

:: NOTE ::

ScanPoint® with QuickPrint is not compatible with the Windows® Vista® operating system.

ScanPoint® with QuickPrint works only with Microsoft® Internet Explorer® 6.0 or higher.

ScanPoint® with QuickPrint is not compatible with Apple® Macintosh® computers.

Adobe® Acrobat® Reader® 6.0 or higher must be installed on your computer in order to use ScanPoint with QuickPrint.

Hardware Requirements

Minimum and recommended hardware requirements are summarized in Table 1 below.

Table 1. Hardware Requirements

Requirement	Minimum	Recommended
Processor	PC with 800 MHz processor	PC with 2.0 GHz processor
Video display	Video card and monitor capable of 800 x 600 resolution.	Video card and monitor capable of 1024 x 768 resolution.
USB Ports	2 USB 2.0 ports	3 USB 2.0 ports (1 for the Docking Station, 1 for the Wireless Hub, 1 for LabelWriter)*
Hard drive	200 Mb of available space	5 Gb of available space
Memory	512 Mb	512 Mb
Internet access	256k DSL	512k DSL, cable modem, T1 line or other high-speed connection

* Three USB ports are recommended, with a maximum of six possible as follows:

- One for the ScanPoint® Docking Station (up to four Docking Stations may be installed)
- One for the ScanPoint® Wireless Hub (one only)
- One for the ScanPoint® LabelWriter (one only)

Software Requirements

Minimum and recommended hardware requirements are summarized in Table 2 below.

Table 2. Software Requirements

Requirement	Minimum	Recommended
Operating system	Microsoft® Windows® 2000 Professional with Service Pack 2	Microsoft Windows 2000 Professional with Service Pack 4, Windows XP with the latest Service Pack.
Browser	Microsoft Internet Explorer® version 6.0 with Service Pack 1	Microsoft Internet Explorer version 7.0
Microsoft .NET Framework	.NET Framework version 2.0 (This software is installed with ScanPoint® QuickPrint.)	.NET Framework version 2.0 with the latest Microsoft updates installed.
Adobe® Acrobat® Reader®*	Adobe Acrobat Reader 6.0	Adobe Acrobat Reader 7.0*

***Available for free download from http://www.adobe.com.

Software Installation

DO NOT PLUG IN ANY NEW HARDWARE DEVICES UNTIL INSTRUCTED TO DO SO!

This includes the:

ScanPoint® Docking Station
Used with BladderScan® 6000 series devices and FloPoint® Elite.

Battery Charger/Wireless Hub
Used with BladderScan® 9000 series devices.

ScanPoint® Label Writer
Used with BladderScan® 6000 series devices (except BVI 6300) and FloPoint® Elite.

Install Adobe® Acrobat® Reader®

ScanPoint® with QuickPrint uses Adobe® Acrobat® Reader® (version 6.0 or higher) to print labels and patient reports. If Acrobat Reader software is not already installed on your computer, you can obtain a free copy by going to http://www.adobe.com and following the links for Acrobat Reader. After installing the Acrobat Reader software, you must run Acrobat Reader once to accept the End User License Agreement.

ScanPoint® with QuickPrint Installation

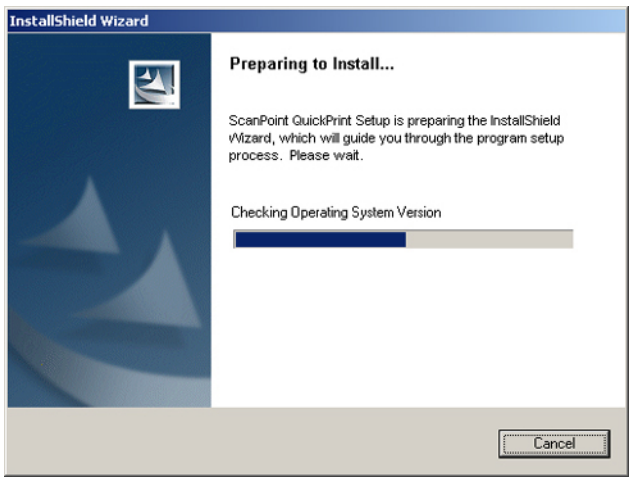
1. Insert the ScanPoint® with QuickPrint Software Install CD into your computer's CD drive.

   The Install Shield Wizard should start automatically.

   If the Install Shield Wizard does NOT open automatically:
   a) Double-click the My Computer icon on your desktop.
   b) Double-click your CD drive icon or name.
   c) Double-click the Setup.exe file. The first installation dialog box is displayed.
   d) Click NEXT.

2. The Preparing to Install screen will open (Figure 1)…

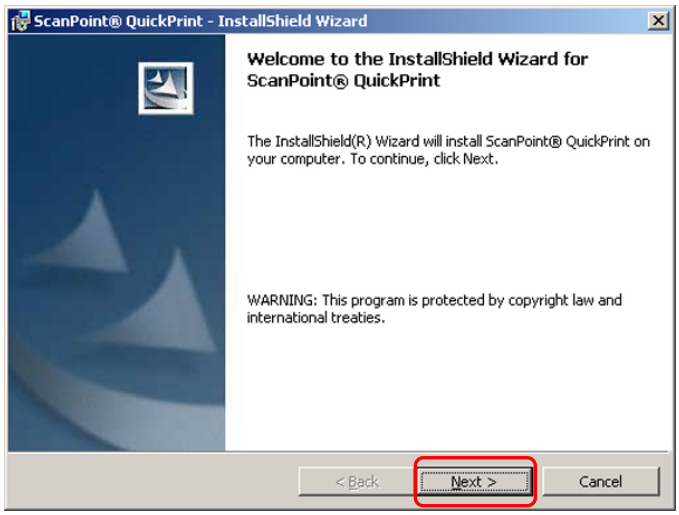
Figure 1. InstallShield Wizard Preparing to Install


InstallShield Wizard
Preparing to Install...
ScanPoint QuickPrint Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
Checking Operating System Version
Cancel

Followed by the ScanPoint® with QuickPrint InstallShield Wizard dialog (Figure 2).

Click NEXT.

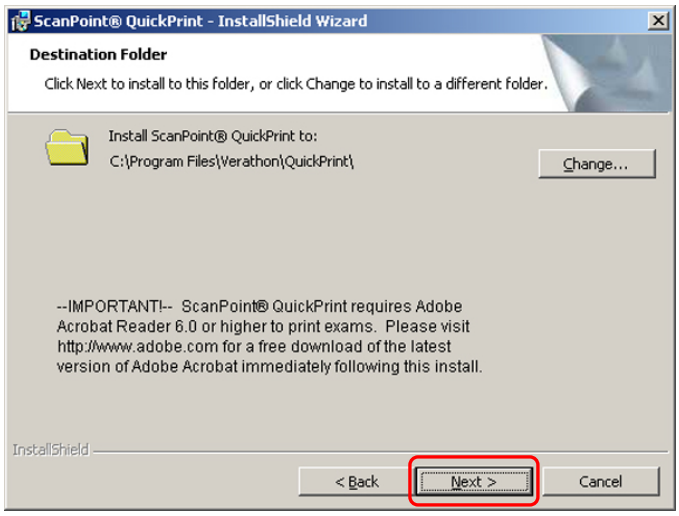
Figure 2. ScanPoint® InstallShield Wizard Welcome Screen


ScanPoint® QuickPrint - InstallShield Wizard
Welcome to the InstallShield Wizard for ScanPoint® QuickPrint
The InstallShield(R) Wizard will install ScanPoint® QuickPrint on your computer. To continue, click Next.
WARNING: This program is protected by copyright law and international treaties.
< Back
Next >
Cancel

3. The Destination Folder dialog is displayed (Figure 3). You may:
   - Accept the default location (no action is required).
   - Change the location: Click the CHANGE button. Enter or browse to the desired location and click OK to return to the Destination Folder dialog.

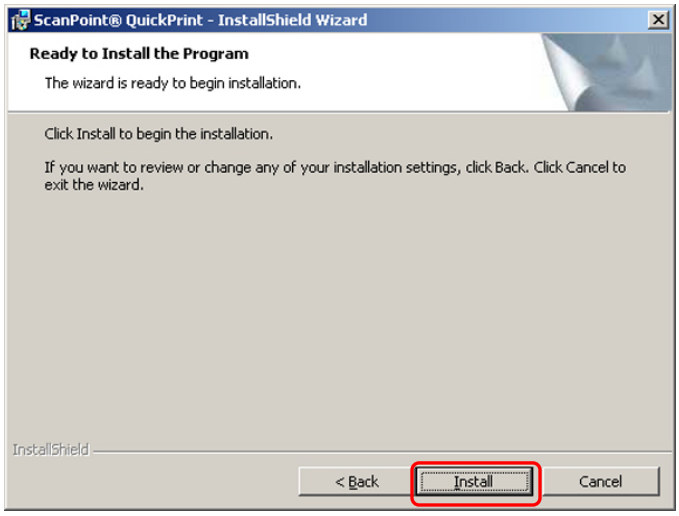
   Click NEXT.

Figure 3. Destination Folder Dialog


ScanPoint® QuickPrint - InstallShield Wizard
Destination Folder
Click Next to install to this folder, or click Change to install to a different folder.
Install ScanPoint® QuickPrint to:
C:\Program Files\Verathon\QuickPrint\
Change...
--IMPORTANT!-- ScanPoint® QuickPrint requires Adobe Acrobat Reader 6.0 or higher to print exams. Please visit http://www.adobe.com for a free download of the latest version of Adobe Acrobat immediately following this install.
InstallShield
< Back
Next >
Cancel

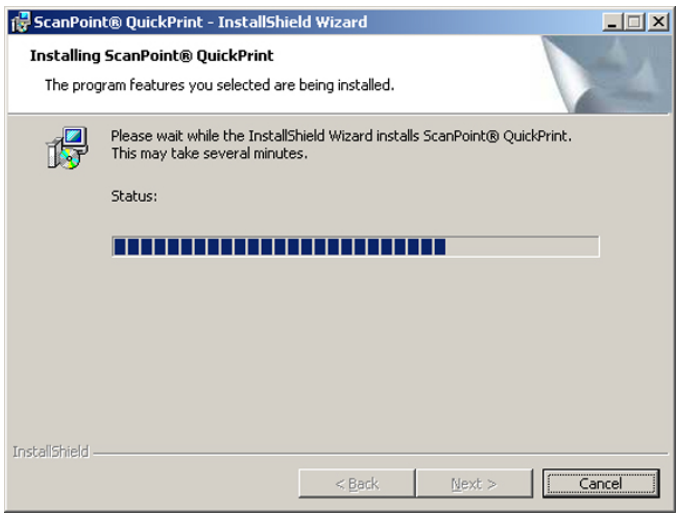
4. The Ready to Install the Program dialog is displayed (Figure 4). Click INSTALL.

Figure 4. Ready to Install Dialog


ScanPoint® QuickPrint - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

5. A Status dialog (Figure 5) displays the progress of the installation.

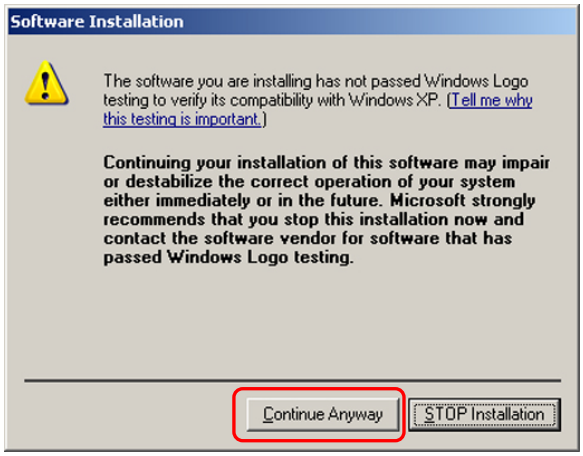
Figure 5. Status Dialog


ScanPoint® QuickPrint - InstallShield Wizard
Installing ScanPoint® QuickPrint
The program features you selected are being installed.
Please wait while the InstallShield Wizard installs ScanPoint® QuickPrint. This may take several minutes.
Status:
InstallShield
< Back
Next >
Cancel

During installation, a Microsoft Warning screen (Figure 6) is displayed stating that Microsoft has not yet tested this software for compatibility with the Windows® XP and Windows 2000 operating systems. However, Verathon® has tested the ScanPoint® with QuickPrint software and hardware drivers rigorously and is confident that they are fully compatible with both Windows XP and Windows 2000.

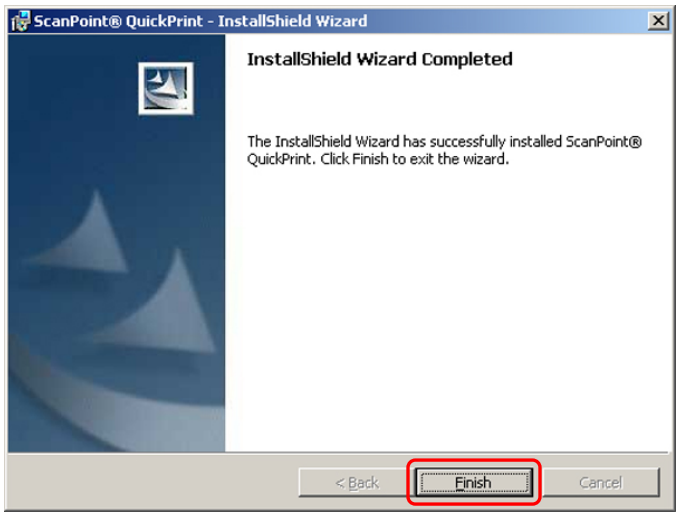
Click CONTINUE ANYWAY if this dialog is displayed.

Figure 6. Microsoft® Warning Screen


Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

6. When the installation is complete, the InstallShield Wizard Completed dialog is displayed (Figure 7). Click FINISH.

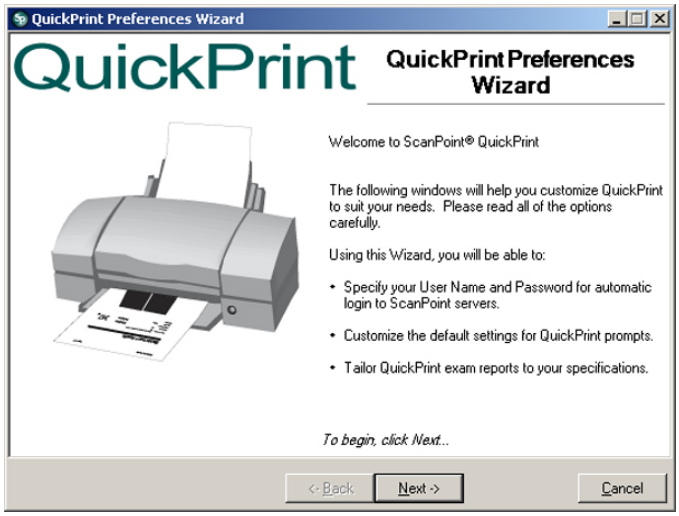
Figure 7. InstallShield Wizard Completed Dialog


ScanPoint® QuickPrint - InstallShield Wizard
InstallShield Wizard Completed
The InstallShield Wizard has successfully installed ScanPoint® QuickPrint. Click Finish to exit the wizard.
< Back
Finish
Cancel

7. When the ScanPoint® with QuickPrint installation is complete ScanPoint® with QuickPrint will start automatically and the QuickPrint Preferences Wizard will open (Figure 8).

   Leave the QuickPrint Preferences Wizard open on your desktop while you install your Docking Station / Wireless Hub and/or ScanPoint® Label Writer. Instructions for installing hardware begin on the next page.

Figure 8. QuickPrint Preferences Screen


QuickPrint Preferences Wizard
QuickPrint
QuickPrint Preferences Wizard
Welcome to ScanPoint® QuickPrint
The following windows will help you customize QuickPrint to suit your needs. Please read all of the options carefully.
Using this Wizard, you will be able to:
• Specify your User Name and Password for automatic login to ScanPoint servers.
• Customize the default settings for QuickPrint prompts.
• Tailor QuickPrint exam reports to your specifications.
To begin, click Next...
< Back
Next >
Cancel

Install the Docking Station or Wireless Hub

NOTE: Instructions for installing the ScanPoint Label Writer begin on page 24

Depending on which BladderScan® or FloPoint® device you are using, you will link your device to ScanPoint® using either a Docking Station or a Battery Charger/Wireless Hub. Refer to Table 3 for more information

- **Docking Station:** Used with FloPoint® Elite and BladderScan® 6000 series devices.

  NOTE: The ScanPoint® Docking Station looks very similar to the BladderScan® 6000 series Battery Charger. To make sure that you have the ScanPoint® Docking Station, check that it has a USB connector and that the label on the bottom says, "ScanPoint® Docking Station."

- **Battery Charger/Wireless Hub:** Used with BladderScan® 9000 series devices.

  The Battery Charger/Wireless Hub can transmit data to/from the BladderScan® 9000 series device while simultaneously charging two battery packs.

  NOTE: The power cord supplied with the Battery Charger/Wireless Hub must be connected to the Battery Charger/Wireless Hub and plugged into a wall outlet to charge the battery packs.

Table 3. Connecting Your BladderScan® or FloPoint® Elite to ScanPoint® with QuickPrint

If you have a	Connect to ScanPoint® With
FloPoint® Elite	**Docking Station**
BladderScan® BVI 6000 series	**Docking Station**

If you have a	Connect to ScanPoint® With
BladderScan® 9000 series	**Battery Charger/Wireless Hub**

- ScanPoint® with QuickPrint can recognize up to four ScanPoint® Docking Stations at any one time. Only one Battery Charger/Wireless Hub can be connected at any one time and the Wireless Hub can connect to only one BVI 9000 series device at any one time.
- You will need to complete a separate Found New Hardware Wizard for each Docking Station or Wireless Hub that you install.

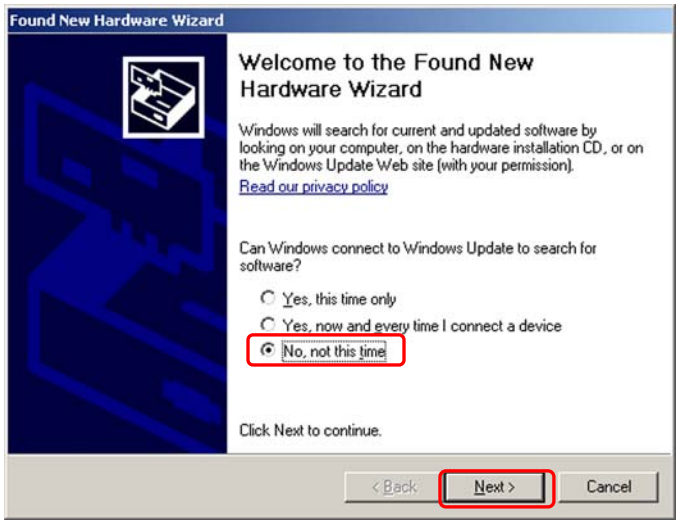
Installing the Docking Station / Wireless Hub:

NOTE: Instructions for installing the ScanPoint® Label Writer begin on page 24.

1. Using the cable provided with the Docking Station / Wireless Hub, plug the USB connector into any available USB port on your computer. Plug the other end into the USB connector on the rear of the Docking Station / Wireless Hub.
    - If you have a BladderScan 9000 series Wireless Hub, plug the Wireless Hub power cord into a wall outlet.
    - The Found New Hardware Wizard will open (Figure 9).

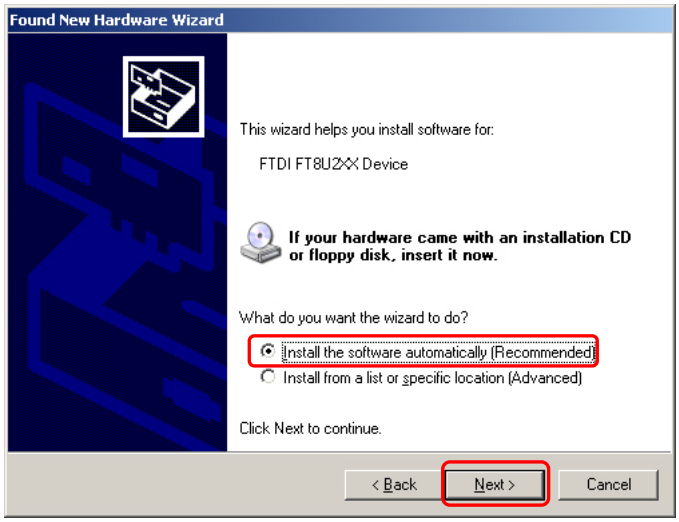
2. Select the NO, NOT THIS TIME, radio button and click NEXT.

Figure 9. Found New Hardware Wizard


Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

3. The Install Options dialog will open (Figure 10). Select the INSTALL THE SOFTWARE AUTOMATICALLY radio button and click NEXT to install the drivers for the hardware automatically.

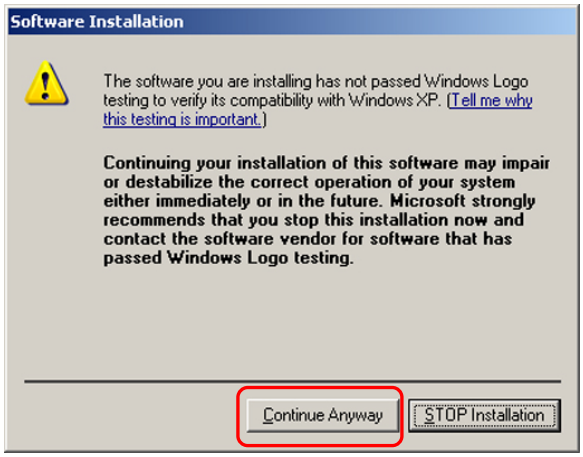
Figure 10. Found New Hardware Wizard - Install Options Dialog


Found New Hardware Wizard
This wizard helps you install software for:
FTDI FT8U2XX Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

4. A warning is displayed (Figure 11) stating that Microsoft has not yet tested this software for compatibility with the Windows XP and Windows 2000 operating systems. However, Verathon® Inc. has tested the ScanPoint® with QuickPrint software and hardware drivers rigorously and is confident that they are fully compatible with both Windows XP and Windows 2000.

   Click CONTINUE ANYWAY.

Figure 11. Software Compatibility Dialog


Software Installation
The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

5. A software installation screen is displayed (Figure 12) followed by a notice that installation is complete (Figure 13).

   Click FINISH.

Figure 12. Installing Software Screen

Found New Hardware Wizard
Please wait while the wizard installs the software...
FTDI FT8U2XX Device
Setting a system restore point and backing up old files in case your system needs to be restored in the future.
< Back
Next >
Cancel

Figure 13. Installation Complete

Install the ScanPoint® Label Writer (Optional)

The ScanPoint® Label Writer prints patient exam data in a label format. Use of the ScanPoint® Label Writer is optional.

To install the ScanPoint® Label Writer:

1. Install a roll of labels and plug the Label Writer power cord into a wall outlet. (Please refer to the FloPoint® Elite User's Manual or your BladderScan® 6000 series device User's Manual for complete instructions on setting up the Label Writer.)

2. Plug the Label Writer's USB connector into any available USB connector on your computer. The Install New Hardware Wizard will start up automatically.

Follow the on-screen directions for installing new hardware as with the ScanPoint® Docking Station / Wireless Hub.

Set Your QuickPrint Preferences

Once you have installed your Docking Station / Wireless Hub and/or Label Writer, return to the QuickPrint Preferences Wizard to customize QuickPrint settings.

If at any future time you wish to change a specific setting, open ScanPoint®, go to the Tools menu, select PREFERENCES, and click on the appropriate tab. For information on the Preferences dialog boxes, see "Changing Your Preferences" on page 36.

To set up your QuickPrint preferences:

1. On the QuickPrint Preferences Screen (Figure 14) click NEXT to open the ScanPoint® Online login screen (Figure 15).

Figure 14. QuickPrint Preferences Wizard

QuickPrint Preferences Wizard
QuickPrint
QuickPrint Preferences Wizard
Welcome to ScanPoint® QuickPrint
The following windows will help you customize QuickPrint to suit your needs. Please read all of the options carefully.
Using this Wizard, you will be able to:
• Specify your User Name and Password for automatic login to ScanPoint servers.
• Customize the default settings for QuickPrint prompts.
• Tailor QuickPrint exam reports to your specifications.
To begin, click Next...
< Back
Next >
Cancel

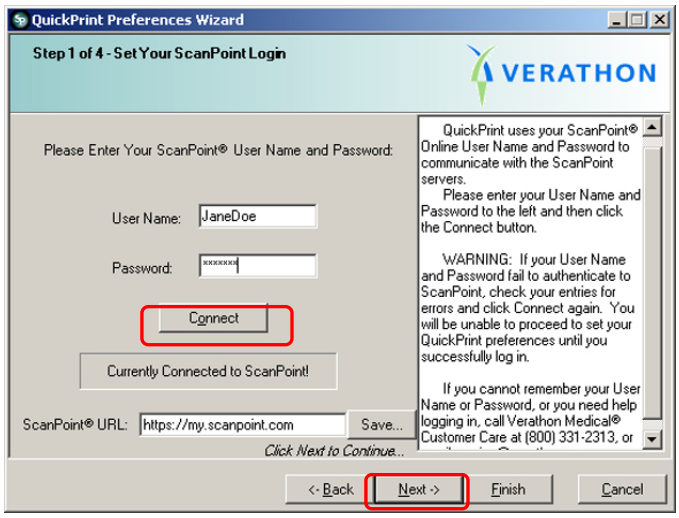
Login to ScanPoint® Online

2. Enter the User Name and Password provided to you by Verathon® and click CONNECT. In a few moments, the status box will indicate that ScanPoint® authentication is complete.

   NOTE: Do not change the default ScanPoint® URL in this dialog unless requested to do so by the Verathon Medical® Customer Service Department.

   NOTE: This ScanPoint® User Name and Password will apply every time you log in to Windows using your current user account. There is no time-out period: the user name and password you enter will remain active until you change them. For information on changing your ScanPoint® user profile, see “Changing Your Preferences” on page 36.

Figure 15. Step 1 of 4: ScanPoint Login Dialog


QuickPrint Preferences Wizard
Step 1 of 4 - Set Your ScanPoint Login
VERATHON
Please Enter Your ScanPoint® User Name and Password:
User Name:
JaneDoe
Password:
Connect
Currently Connected to ScanPoint!
ScanPoint® URL:
https://my.scanpoint.com
Save...
Click Next to Continue...
QuickPrint uses your ScanPoint® Online User Name and Password to communicate with the ScanPoint servers.
Please enter your User Name and Password to the left and then click the Connect button.
WARNING: If your User Name and Password fail to authenticate to ScanPoint, check your entries for errors and click Connect again. You will be unable to proceed to set your QuickPrint preferences until you successfully log in.
If you cannot remember your User Name or Password, or you need help logging in, call Verathon Medical® Customer Care at (800) 331-2313, or
<- Back
Next ->
Finish
Cancel

Customize Your QuickPrint Prompts

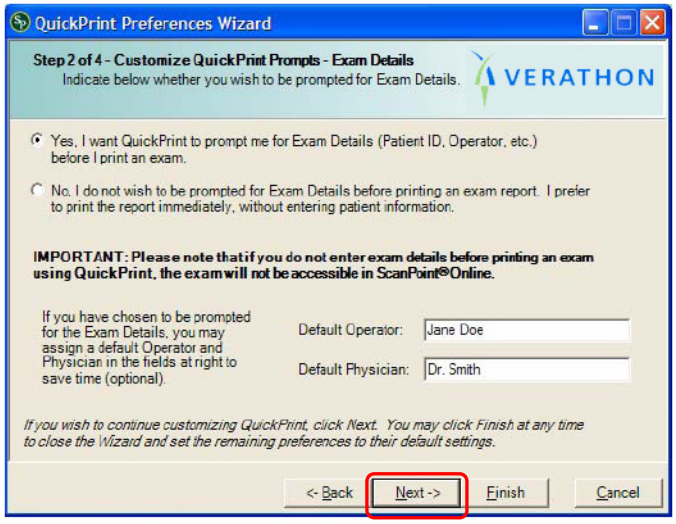
3. Click NEXT to open the Customize QuickPrint Prompts dialog (Figure 16).

4. Indicate whether you want QuickPrint to prompt you for exam details (Patient ID, Patient Name, Operator, and Physician) before transmitting exam results.

   - If you choose to be prompted for exam details, you can enter default names for the operator (who performed the exam) and physician (who ordered the exam) in the Default Operator and Default Physician text boxes. The names you enter will automatically appear in the Operator and Physician text fields after each exam. You will be able to overwrite the default names before printing the exam results.
   - If you choose not to be prompted for exam details, QuickPrint will automatically print each exam without prompting you for exam details. Blank spaces will appear in the printed exam report for you to fill in the Patient ID, Patient Name, Operator, and Physician.

     NOTE: Unannotated exams will not be available for future access in ScanPoint®.

Figure 16. Step 2 of 4. Customize QuickPrint Prompts


QuickPrint Preferences Wizard
Step 2 of 4 - Customize QuickPrint Prompts - Exam Details
Indicate below whether you wish to be prompted for Exam Details.
VERATHON
Yes, I want QuickPrint to prompt me for Exam Details (Patient ID, Operator, etc.) before I print an exam.
No, I do not wish to be prompted for Exam Details before printing an exam report. I prefer to print the report immediately, without entering patient information.
IMPORTANT: Please note that if you do not enter exam details before printing an exam using QuickPrint, the exam will not be accessible in ScanPoint® Online.
If you have chosen to be prompted for the Exam Details, you may assign a default Operator and Physician in the fields at right to save time (optional).
Default Operator:
Jane Doe
Default Physician:
Dr. Smith
If you wish to continue customizing QuickPrint, click Next. You may click Finish at any time to close the Wizard and set the remaining preferences to their default settings.
<- Back
Next ->
Finish
Cancel

5. When you finish filling in the dialog box, click NEXT to open the Customize Your Report Types dialog (Figure 17).

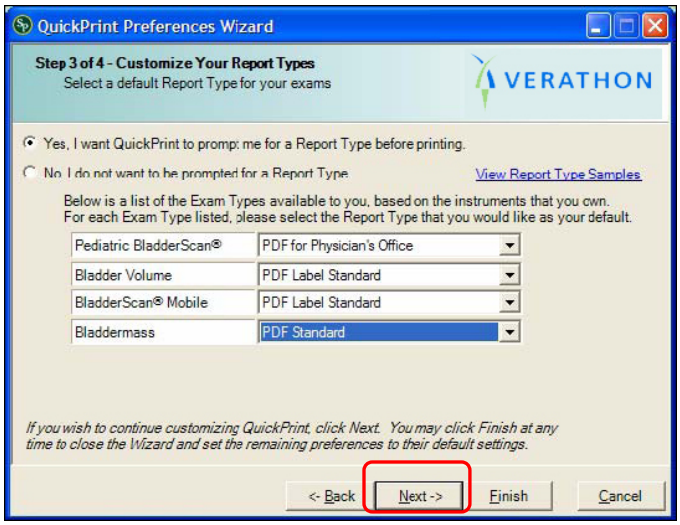
6. Choose whether you want QuickPrint to prompt you to choose a report type each time an exam is performed. To view samples of each report type, click the VIEW REPORT TYPE SAMPLES link on the right side of the dialog box.

   - To have QuickPrint prompt you to choose a report type each time an exam is performed, choose the YES, I WANT QUICKPRINT TO PROMPT ME FOR A REPORT TYPE BEFORE PRINTING radio button.
   - If you do not want to be prompted to choose a report type each time you print an exam, choose the NO, I DO NOT WANT TO BE PROMPTED FOR A REPORT TYPE radio button.

7. Choose the default report type you want to use for each BladderScan® or FloPoint® instrument from the drop-down menus.

   IMPORTANT! If you do not enter the Patient ID and Operator before printing an exam, you will not be able to access the exam later in ScanPoint®.

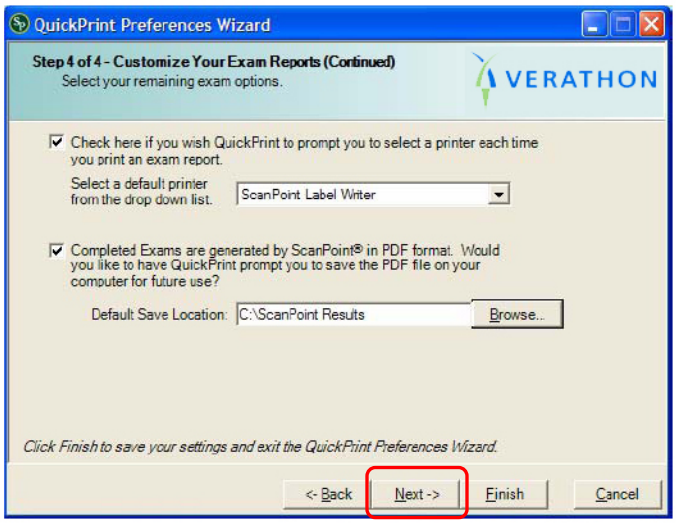
Figure 17. Step 3 of 4. Customize Your Report Types


QuickPrint Preferences Wizard
Step 3 of 4 - Customize Your Report Types
Select a default Report Type for your exams
VERATHON
Yes, I want QuickPrint to prompt me for a Report Type before printing.
No, I do not want to be prompted for a Report Type
View Report Type Samples
Below is a list of the Exam Types available to you, based on the instruments that you own.
For each Exam Type listed, please select the Report Type that you would like as your default.
Pediatric BladderScan®
PDF for Physician's Office
Bladder Volume
PDF Label Standard
BladderScan® Mobile
PDF Label Standard
Bladdermass
PDF Standard
If you wish to continue customizing QuickPrint, click Next. You may click Finish at any time to close the Wizard and set the remaining preferences to their default settings.
<- Back
Next ->
Finish
Cancel

8. Click NEXT to open the second Customize Your Exam Reports dialog (Figure 18).

9. If you want QuickPrint to ask you to specify the printer each time you print an exam report, place a check mark in the top check box.
   - Select a default printer from the options in the drop-down menu.
   - If you want QuickPrint to save the exam report in PDF format (opened in by Adobe Acrobat Reader) each time it prints an exam, place a check mark in the bottom check box.
   - If you wish, enter a default location on your computer for saving exams in the Default Save Location text box. You will always be able to specify a different location to save a specific exam.

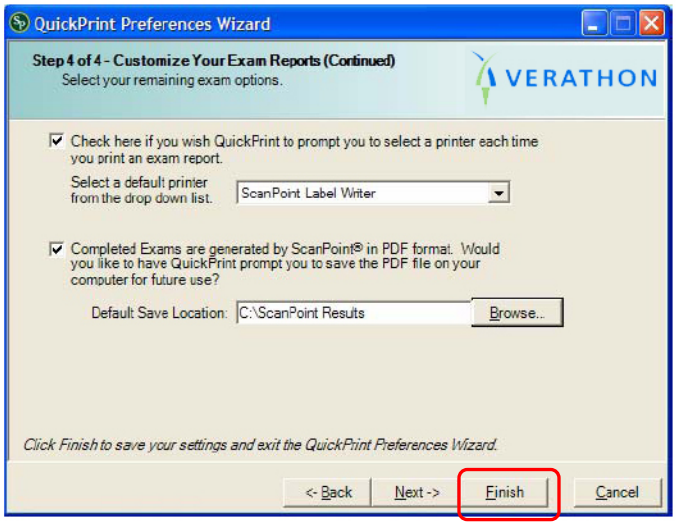
Figure 18. Step 4 of 4. Customize Your Exam Reports


QuickPrint Preferences Wizard
Step 4 of 4 - Customize Your Exam Reports (Continued)
Select your remaining exam options.
VERATHON
Check here if you wish QuickPrint to prompt you to select a printer each time you print an exam report.
Select a default printer from the drop down list.
ScanPoint Label Writer
Completed Exams are generated by ScanPoint® in PDF format. Would you like to have QuickPrint prompt you to save the PDF file on your computer for future use?
Default Save Location:
C:\ScanPoint Results
Browse...
Click Finish to save your settings and exit the QuickPrint Preferences Wizard.
<- Back
Next ->
Finish
Cancel

10. Click NEXT. The final Preferences Wizard dialog is displayed (Figure 19).

11. Click FINISH to exit the Preferences Wizard. For more information on Preferences settings, see “Changing Your Preferences” on page 36.

Figure 19. Customize Your Exam Reports (Continued)


QuickPrint Preferences Wizard
Step 4 of 4 - Customize Your Exam Reports (Continued)
Select your remaining exam options.
VERATHON
Check here if you wish QuickPrint to prompt you to select a printer each time you print an exam report.
Select a default printer from the drop down list.
ScanPoint Label Writer
Completed Exams are generated by ScanPoint® in PDF format. Would you like to have QuickPrint prompt you to save the PDF file on your computer for future use?
Default Save Location:
C:\ScanPoint Results
Browse...
Click Finish to save your settings and exit the QuickPrint Preferences Wizard.
<- Back
Next ->
Finish
Cancel

About User Profiles

Your User Name and Password are associated with the User Profile you requested from Verathon® when you purchased your instrument. The ScanPoint® features available to you depend on your user profile.

There are three common types of ScanPoint® user profiles:

- **Administrative Users** have access to all ScanPoint® features. Administrative users can prepare new exams, upload exam results, accept or reject exam results, view past exams, and calibrate instruments.
- **Clinical Users** can prepare new exams, upload exam results, accept or reject exam results, and view past exams. Clinical users cannot calibrate instruments.
- **Technical Users** can calibrate instruments, but cannot prepare new exams, upload exam results, accept or reject exam results, or view past exams.

Each time a user logs on to a computer equipped with ScanPoint® with QuickPrint, QuickPrint automatically connects to ScanPoint® Online with the user profile previously entered in the Preferences Wizard or Preferences dialog box.

To prevent unauthorized access to patient data in the ScanPoint® system, Verathon® recommends setting a screen saver password, or locking the computer when not in use. For more information on recommended security precautions, go to the ScanPoint® with QuickPrint Help menu and choose SECURITY BEST PRACTICES.

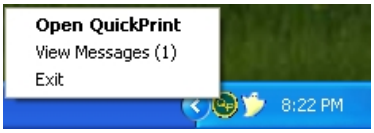
If you need to change user profiles or assign new users at any time, please contact your Verathon Medical® representative or the Verathon Medical® Customer Care Department at 1.800.331.2313.

ScanPoint® with QuickPrint Basics

Starting ScanPoint® with QuickPrint

Once ScanPoint® with QuickPrint is installed, it starts automatically every time you turn on your computer. You can verify that ScanPoint® with QuickPrint is running by confirming the presence of the ScanPoint® icon in your system tray (in the lower right corner of your screen near the clock).

- ☐ If ScanPoint® with QuickPrint is running in the background, you can open it manually by double-clicking the ScanPoint® icon in your system tray.



- ☐ If ScanPoint® with QuickPrint is not running, you will not see the ScanPoint® icon in the system tray. To open it, either double-click the ScanPoint® QuickPrint icon on your desktop or open the Start menu and select:

  Start > Programs > Verathon® > ScanPoint® QuickPrint > ScanPoint® QuickPrint.

ScanPoint® with QuickPrint stays in the background and becomes active only when:

- A BladderScan® 9000 series device with saved exams is moved within range of the Battery Charger/Wireless Hub (the Battery Charger/Wireless Hub must be connected to the computer's USB port and plugged into a power outlet).
- A BladderScan® 6000 series device that is holding exam data is placed in its Docking Station (the ScanPoint® Docking Station must be connected to the computer's USB port).
- A FloPoint® Elite instrument that is holding exam information is placed into its Docking Station (the ScanPoint® Docking Station must be connected to the computer's USB port).

Each time a user logs on to a computer equipped with ScanPoint® with QuickPrint, QuickPrint automatically connects to ScanPoint® Online with the user profile previously entered in the Preferences Wizard or Preferences dialog box.

ScanPoint® with QuickPrint Main Window

When you start ScanPoint® with QuickPrint, the Main Window opens on your computer monitor. You can access all the features of ScanPoint® with QuickPrint from this window. Features of the Main Window are explained in Figure 20 and Table 4, below.

- If the instrument is in the Docking Station or Wireless Hub, and holding a scan, a blank exam record will open, ready to receive new exam details.
- If no instrument is in the Docking Station or Wireless Hub, or if the instrument is not holding a scan, no exam record will open.

Figure 20. ScanPoint® with QuickPrint Main Window

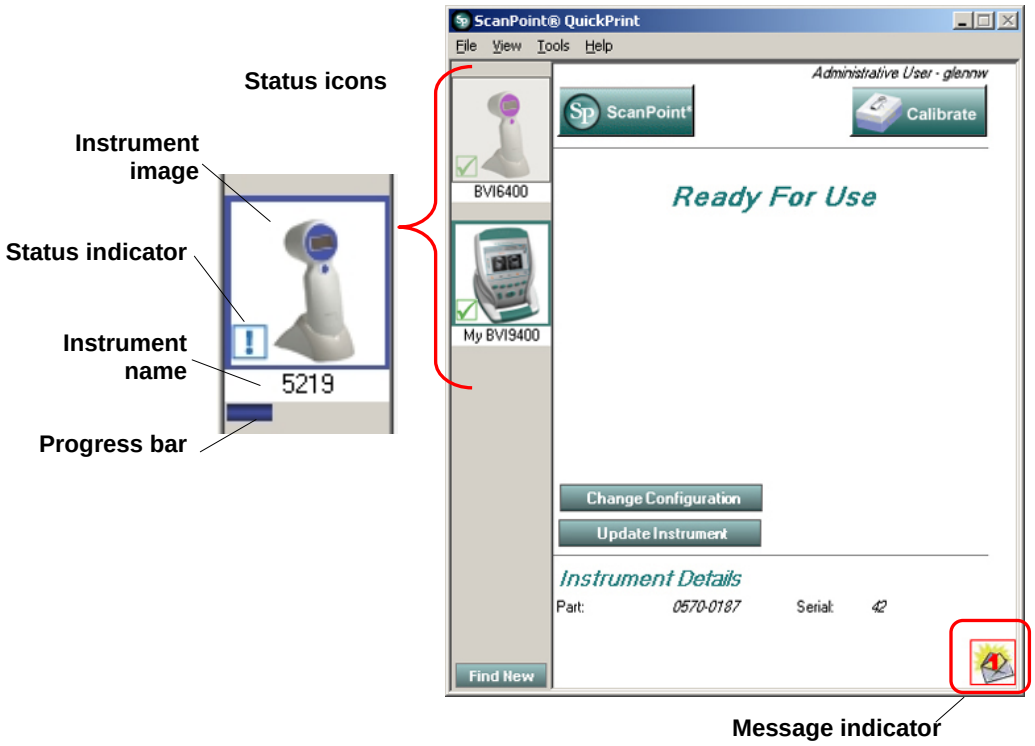
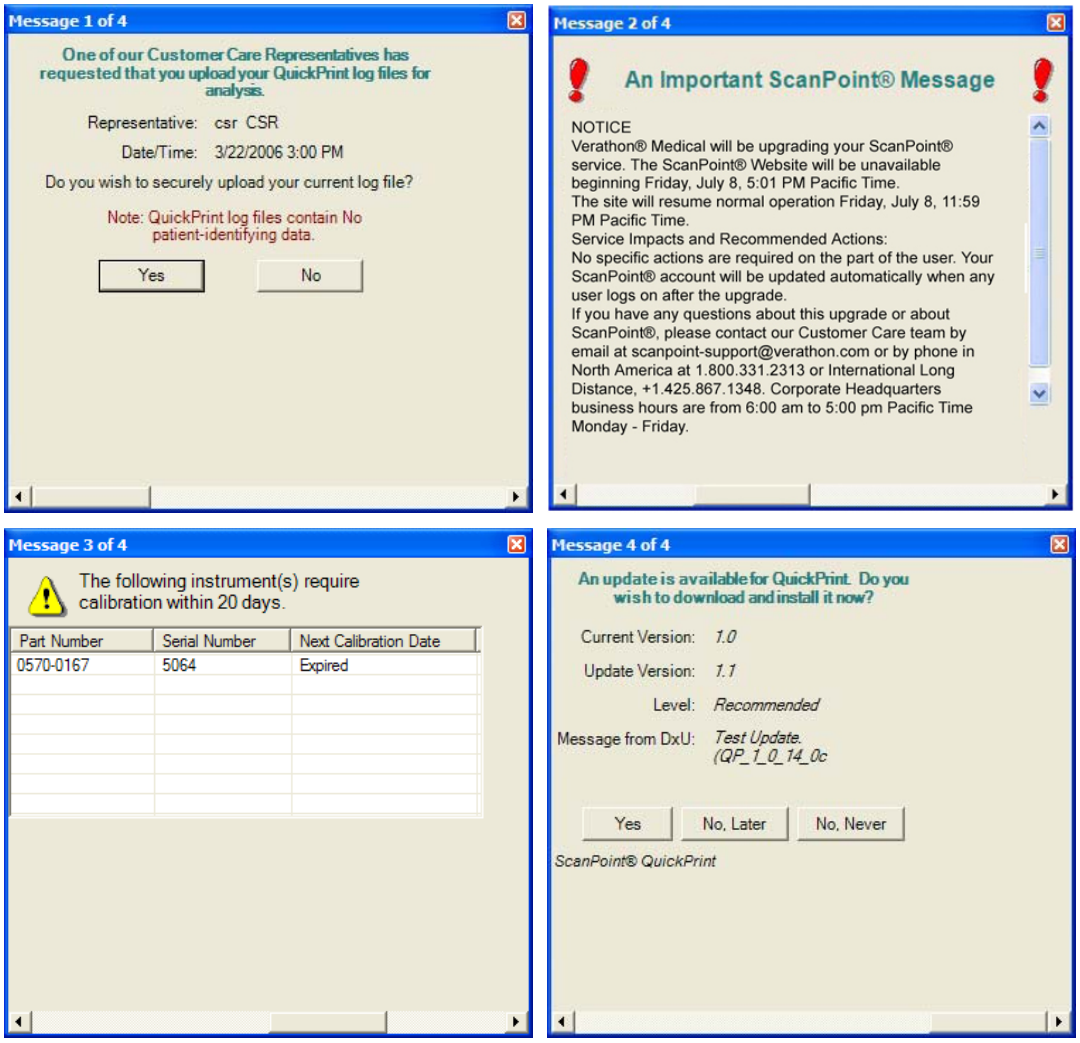


Table 4. ScanPoint® with QuickPrint Main Window Controls

Item	Meaning
ScanPoint Button	Click to open a connection to your ScanPoint Online account.
Calibrate Button	Click to begin calibrating the currently active device.

Item	Meaning
Status Icon	**Status Indicator:** Possible symbols are: **Blue exclamation point:** QuickPrint is waiting for you to input information. **Green check mark:** The instrument is ready to use. **Red stop sign:** The instrument is performing a process such as transmitting information to ScanPoint®. Do not remove from the wireless connection. **Progress bar:** The degree of completion of the current process. **Instrument image:** A picture of the instrument that is currently transmitting data to the computer. **Instrument name:** The name assigned to the instrument. You can rename the instrument by clicking on the name and entering a new one.
Change Configuration Button (9000 series only)	Click to open a configuration dialog box that allows you to change settings for language, clinic name, time and date format, UTI rates, catheter cost, catheter volume, and currency. You can also resync the instrument clock to the computer clock.
Update Instrument Button (9000 series only)	Click to download the most recent software update for your instrument.
Find New Button	Click to locate and install new instruments.
Message Indicator	The envelope icon indicates the number of ScanPoint® messages you have waiting to be viewed. To view the messages, click the icon. If there is more than one message, you will be able to move through a scrollable list of message headings. The messages are basically “Read Only.” You cannot create a text reply, although you can select YES / NO buttons, as appropriate. Figure 21 illustrates sample messages similar to those you may receive from Verathon® Medical.

Figure 21. Sample ScanPoint® Messages


Message 1 of 4
One of our Customer Care Representatives has requested that you upload your QuickPrint log files for analysis.
Representative: csr CSR
Date/Time: 3/22/2006 3:00 PM
Do you wish to securely upload your current log file?
Note: QuickPrint log files contain No patient-identifying data.
Yes
No
Message 2 of 4
An Important ScanPoint® Message
NOTICE
Verathon® Medical will be upgrading your ScanPoint® service. The ScanPoint® Website will be unavailable beginning Friday, July 8, 5:01 PM Pacific Time.
The site will resume normal operation Friday, July 8, 11:59 PM Pacific Time.
Service Impacts and Recommended Actions:
No specific actions are required on the part of the user. Your ScanPoint® account will be updated automatically when any user logs on after the upgrade.
If you have any questions about this upgrade or about ScanPoint®, please contact our Customer Care team by email at scanpoint-support@verathon.com or by phone in North America at 1.800.331.2313 or International Long Distance, +1.425.867.1348. Corporate Headquarters business hours are from 6:00 am to 5:00 pm Pacific Time Monday - Friday.
Message 3 of 4
The following instrument(s) require calibration within 20 days.
Part Number
Serial Number
Next Calibration Date
0570-0167
5064
Expired
Message 4 of 4
An update is available for QuickPrint. Do you wish to download and install it now?
Current Version: 1.0
Update Version: 1.1
Level: Recommended
Message from DxU: Test Update. (QP_1_0_14_0c
Yes
No, Later
No, Never
ScanPoint® QuickPrint

Using Multiple Wireless Hubs or Docking Stations

ScanPoint® with QuickPrint can recognize up to four ScanPoint® Docking Stations at one time. Only one ScanPoint® Wireless Hub can be connected at one time and the hub will connect to only one BVI 9000 series instrument at a time.

The maximum number of Docking Stations and Wireless Hubs that can be connected simultaneously is four docking stations and one wireless hub.

The currently active instrument is indicated by a solid border around the status icon. To communicate with a different device, click its status icon to make it active.

Menu Bar

The menu bar provides a typical Windows® user interface with familiar tasks common to Windows® applications as well as particular tasks unique to ScanPoint® with QuickPrint functionality. Menu Bar functions are explained in Table 5, below.

Table 5. Main Window Menu Bar

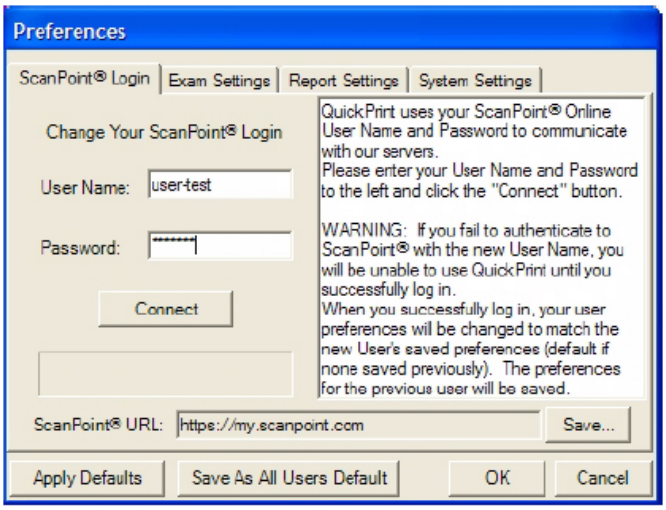
Menu Item	Tasks
File	**Print Last Exam:** Prints last exam. **Close:** Close the active exam record. **Exit:** Close the ScanPoint® with QuickPrint program.
View	**Instrument Details:** View default settings, calibration date, serial number, and other device information. **Find New Instruments:** Search for and add new BladderScan® or FloPoint® devices connected to the ScanPoint® computer. **Launch ScanPoint®:** Opens ScanPoint® Online allowing you to view and print new and saved exams. **Application Log:** Table listing a history of events performed during ScanPoint® with QuickPrint use. This information assists Verathon Medical® service technicians when performing remote diagnostics and troubleshooting on your BladderScan® or FloPoint® device. To maintain security standards, this log contains no patient health information.
Tools	**Preferences:** Provides easy access to all configurable settings in this application. **Preferences Wizard:** Provides step-by-step instructions for easily customizing the major settings of this application. **System Diagnostics:** A control for adjusting the brightness of your computer monitor to enhance viewing of patient exams. **Check for Updates:** Checks for any available updates to ScanPoint® with QuickPrint.
Help	**ScanPoint® with QuickPrint Help:** Access ScanPoint® with QuickPrint application help with Contents and Index **Contact Information:** Verathon® corporate and international office information. **Report Type Samples:** Contains examples of the various exam reports available in ScanPoint® with QuickPrint. **Security Best Practices:** Patient Privacy and ScanPoint® with QuickPrint Guidelines **Privacy Agreement:** Verathon® Inc.'s Privacy Agreement **About:** ScanPoint® with QuickPrint system information, copyrights and patents

Changing Your Preferences

The Preferences dialog box allows you to set your ScanPoint® login information, QuickPrint prompts, default information and printing settings, language, and preferred warnings. You can also use the Preferences Wizard to set many of your preferences — see “Setting Up QuickPrint User Preferences” on page 24.

1. From the Tools menu, choose Preferences. The Preferences dialog is displayed (Figure 22).

Figure 22. Preferences Dialog


Preferences
ScanPoint® Login
Exam Settings
Report Settings
System Settings
Change Your ScanPoint® Login
User Name:
user-test
Password:
Connect
QuickPrint uses your ScanPoint® Online User Name and Password to communicate with our servers.
Please enter your User Name and Password to the left and click the "Connect" button.
WARNING: If you fail to authenticate to ScanPoint® with the new User Name, you will be unable to use QuickPrint until you successfully log in.
When you successfully log in, your user preferences will be changed to match the new User's saved preferences (default if none saved previously). The preferences for the previous user will be saved.
ScanPoint® URL:
https://my.scanpoint.com
Save...
Apply Defaults
Save As All Users Default
OK
Cancel

2. Consult Table 6, below for the ScanPoint® preferences you can set up or change. When you are finished editing your settings, click the OK button to save your changes and exit the Preferences dialog box, or:
   - Click the APPLY DEFAULTS button to reset all your Preferences to their default settings.
   - Click the SAVE AS ALL USERS button to set the Preferences settings for all users on your computer.
   - Click CANCEL to cancel any changes you have made.

Table 6. Editing ScanPoint® Preferences - All Devices

To	Do this
Log in to ScanPoint® or change from one user profile to another	1. Click the ScanPoint® Login tab. 2. Enter the User Name and Password assigned to you by Verathon®. 3. Click CONNECT. **NOTE:** This ScanPoint® User Name and Password will apply every time you log in to Windows using your current user account. There is no time-out period: the User Name and Password you enter will remain active until you change them.
Change the URL of the ScanPoint® Web site	**NOTE:** Do not perform this procedure unless instructed to do so by the Verathon Medical® Customer Care Department.
Have QuickPrint prompt you for exam details after each exam	1. Click the Exam Settings tab. 2. Indicate which prompts you want displayed for each exam by placing a check mark in the appropriate check boxes. 3. If desired, in the Default Operator text box, enter the name you want to automatically appear in the Operator text box. 4. If desired, in the Physician text box, enter the name you want to automatically appear in the Physician text box. **NOTE:** You can always overwrite these default names for a particular exam 5. Choose a default printer for printing exams. **NOTE:** You will be able to change printers for a particular exam only if you place a checkmark in the Prompt for Printer check box.

To	Do this
Specify default names for the OPERATOR and PHYSICIAN text boxes in the EXAM DETAILS dialog box	1. Click the Exam Settings tab. 2. Place a check mark in the Prompt for Exam Details check box. 3. If desired, in the Default Operator text box, enter the name you want to automatically appear in the Operator text box. 4. If desired, in the Physician text box, enter the name you want to automatically appear in the Physician text box. **NOTE:** You can always overwrite these default names for a particular exam.
Specify a default printer	1. Click the Exam Settings tab. 2. Click the down arrow (▾) on the right side of the Default Printer check box and choose the printer you want. 3. If you do not place a check mark in the Prompt for Printer check box, this printer will be used every time you print a new exam.
Have ScanPoint® with QuickPrint prompt you to save a PDF after each exam	1. Click the Exam Settings tab. 2. Place a check mark in the Prompt to Save Exam PDF check box. 3. If desired, enter a default location for saving exams in the Default Save Location text box. You will always be able to override this setting for a specific exam.
Have ScanPoint® with QuickPrint prompt you for a report type	1. Click the Report Settings tab. 2. Place a check mark in the Prompt for Report Type check box. 3. To specify a default report type for each instrument you have available, click the down arrow (▾) to the right of the text box and select the appropriate type.
View sample report types	1. Click the Report Settings tab. 2. Click the View Report Type Samples link. You can also view report samples in this manual, in the section “ScanPoint® Reports” starting on page 56 and in the ScanPoint® Help menu.

To	Do this
Specify a default report for each exam type	1. Click the Report Settings tab. 2. Click the down arrow (▾) to the right of the appropriate instrument text box and select the appropriate report type. If you do not place a check mark in the Prompt for Report Type check box, these report types will be used every time you print a new exam.
Change the language of the dialog boxes	1. Click the Report Settings tab. 2. Click the down arrow (▾) at the right side of the Language text box and select the language you want from the list of options.
Change the location for updates to ScanPoint® with QuickPrint	**NOTE:** Do not perform this procedure unless instructed to do so by an authorized Verathon® representative. 1. Click the System Settings tab. 2. In the Update URL text box, enter the new Web site location given to you by Verathon®.
Turn on or turn off specific warning messages	1. Click the System Settings tab. 2. Place a check mark in the check box(es) next to the warning(s) you want to receive.

Configuring Your BVI 9000 Series Instrument

The Console display on your BVI 9000 device can be customized to display your facility's name and current date and time. This information will subsequently be included on BladderScan® displays and all printouts of exam results.

Words and names spelled with standard Latin characters may be entered directly on the device using the alpha-numeric characters available in the Settings Menu.

Words and names that use extended Latin and/or non-Latin characters (tilde, umlaut, accents, circumflex, etc.) can be entered from your computer by using the ScanPoint® with QuickPrint software.

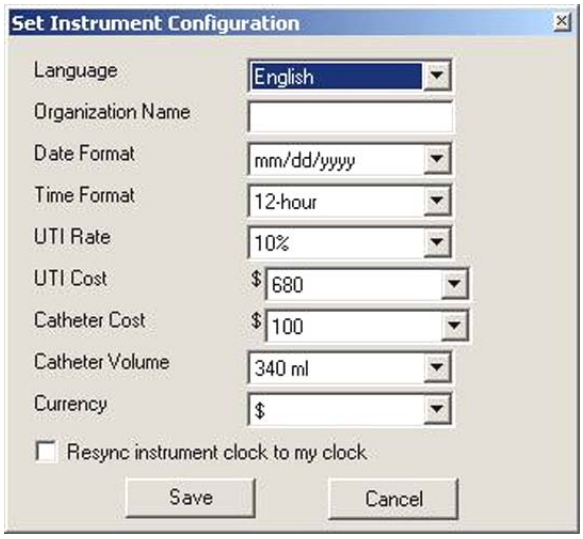
To enter a name using an extended character set:

1. Open Quick Print (see page 31).
2. On the ScanPoint® with Quick Print instrument status window (Figure 23), select CHANGE CONFIGURATION.

Figure 23. ScanPoint® with Quick Print Instrument Status Screen

3. The Set Instrument Configuration Dialog will open (Figure 24).

Figure 24. Set Instrument Configuration Dialog (BVI 9000 series only)



4. Select the desired language. Available languages include: English, Chinese Traditional, Czech, Danish, Dutch, Finnish, French, German, Greek, Italian, Hungarian, Japanese, Korean, Norwegian, Portuguese (European), Spanish, Swedish, Turkish.

This dialog provides options for adjusting other settings such as date format, time format, UTI rate, UTI cost, catheter cost, catheter volume, and currency.

To synchronize the BVI 9000 series clock to your computer's clock, check the box: Resync instrument clock to my clock.

5. When all changes have been made, click Save to save your changes and close the dialog. The new settings will be automatically appear in the header of your device display.

Updating ScanPoint® with QuickPrint

Whenever updates to the program are available, ScanPoint® with QuickPrint automatically sends you a message with instructions on how to download the updates. You can also check for and install updates manually by going to the Tools menu and selecting Check for Updates.

Exiting QuickPrint or Hiding the QuickPrint Window

You can close the QuickPrint window without exiting the program, or you can exit QuickPrint completely.

To Hide the QuickPrint Window:

To hide the QuickPrint window, do one of the following:

- Click the minimize button in the upper right corner of the QuickPrint window.
- Go to the File menu and select CLOSE. The QuickPrint window closes. The ScanPoint® icon visible in your system tray indicates that the program is still running.

To Exit QuickPrint Completely

- If a QuickPrint dialog box is currently displayed, go to the File menu and select EXIT.
- If a QuickPrint dialog box is not currently displayed, right-click the QuickPrint icon in the system tray and select EXIT.

  A dialog box appears asking you to confirm that you want to exit QuickPrint. Click OK.

Managing Exam Results in QuickPrint

Transmitting Exams to ScanPoint® with QuickPrint

After performing an exam with your BladderScan® or FloPoint® instrument, place the instrument in its Docking Station (BVI 6000 series and FloPoint® Elite) or within proximity to the Wireless Hub (BVI 9000 series). The Patient Details dialog will open (Figure 26).

Completing an Unannotated Exam: BladderScan® 6000 Series and FloPoint® Elite

- If you ***did not*** enter a voice annotation when performing an exam with a BladderScan® 6000 series or FloPoint® device, you can add exam details in QuickPrint and create a customized printable report per the following instructions.
- If you ***did*** enter a voice annotation, see “Completing a Voice-Annotated Exam” on page 45.
- If your BVI 6000 series or FloPoint® Elite has both voice annotated exams and an unannotated exam, the unannotated exam must be processed through QuickPrint before any of the voice annotated exams will be uploaded.

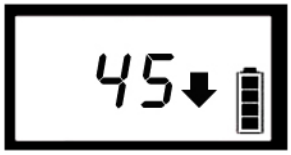
IMPORTANT! Unsaved exam data could be lost.
If the battery is low or the ScanPoint® Remote goes into sleep mode (after 20 continuous minutes of non-use or charging), unsaved exam data is lost.

To Complete an unannotated exam:

1. Place your BladderScan® 6000 series or FloPoint® Elite handset into the ScanPoint® Docking Station connected to your computer.
2. If you chose not to be prompted for exam information when you set your QuickPrint user preferences, the instrument automatically transmits the exam data to QuickPrint.

   As the exams are being transmitted to QuickPrint, the handset display shows the percentage of the data that has been transferred (Figure 25).

Figure 25. Exam Transmission Status



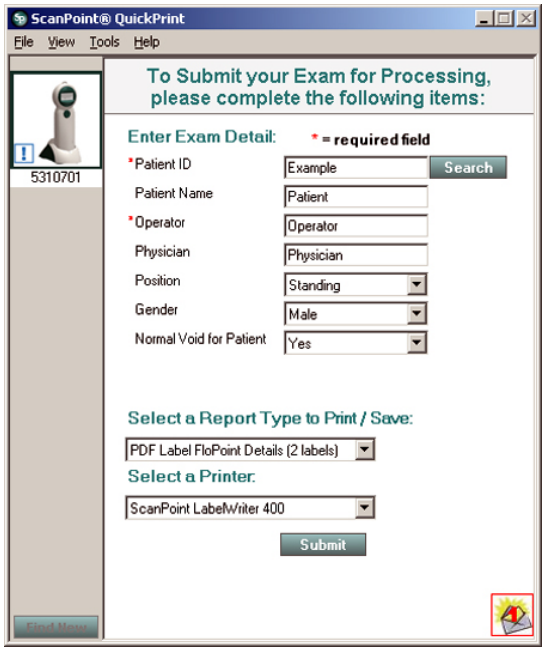
When the transmission is complete, QuickPrint prints the results according to the user preferences you previously selected.

NOTE: You can view sample report formats in the section, “ScanPoint® Reports” beginning on page 56.

3. If you chose to be prompted for information when you specified your QuickPrint user preferences, the Exam Details dialog box appears (Figure 26), displaying the prompts you requested.

   NOTE: Depending on the prompts you requested and the type of instrument you are using, the dialog box you see may differ from the following illustration (Figure 26).

Figure 26. Patient Detail Dialog



4. Enter the appropriate information according to the following table:

IMPORTANT! Required fields.
Fields marked with a red asterisk (*) are required in order for the exam to be available later in ScanPoint®.

Table 7. Exam Details Fields

Item	Meaning
Patient ID*	The unique code you use to identify this patient. If you don't know the Patient ID code, press the SEARCH button to display a list of the codes you have assigned to your patients.
Patient Name	The patient's name as it appears in your records.
Operator*	The person performing the exam.
Physician	The patient's primary health care provider.
Select Gender (FloPoint® Elite only)	The patient's gender.
Select Position (FloPoint® Elite only)	The patient's position during the exam (standing or sitting).
Select Normal Void (FloPoint® Elite only)	"Yes" if the patient feels that the void was representative of his/her routine voiding.
Select a report type to print*	Click the down arrow (▾) at the right of the text box to select the type of report you wish to print. **NOTE:** You can view sample report formats in QuickPrint by going to the Help menu and selecting "Report Type Samples."
Select a printer*	Click the down arrow (▾) at the right of the text box to select the printer for the report.

***** Default values for these options can be pre-selected in the QuickPrint Preferences dialog. It is also possible to choose to not be prompted for this information but to simply use the default values.

5. When the dialog is complete, click the SUBMIT button. The information is transmitted to ScanPoint® and the report is printed.

   For more information on viewing and printing past exam results in ScanPoint®, see "Viewing Exam Results in ScanPoint® Online" beginning on page 47.

Completing a Voice-Annotated Exam

1. **For BladderScan® 6000 Series and FloPoint® Elite:** Place the device handset in its ScanPoint® Docking Station. Exam results are automatically transmitted to ScanPoint®. As the exams are being transmitted to ScanPoint®, the handset display shows the percentage of the data that has been transferred (Figure 25).

   For BladderScan® 9000 Series: Place the BVI 9000 series device with saved exams in proximity to the Battery Charger/Wireless Hub connected to your computer.

   Press on the BladderScan® device front panel.

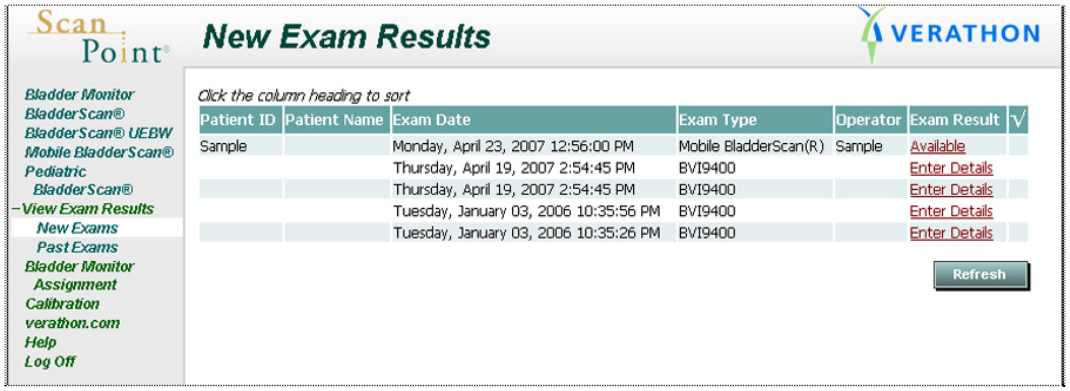
2. Select "Find New" on the ScanPoint® with QuickPrint screen to download saved exams.

   As the exams are being transmitted to ScanPoint®, the LCD screen on the BladderScan® console displays a “Communicating” icon (Figure 27).

Figure 27. Communicating Icon

3. After all the exam data are uploaded, the ScanPoint® New Exam Results window opens (Figure 28).

Figure 28. New Exam Results Screen



4. In the ScanPoint® New Exam Results window (Figure 28), all newly downloaded exams are displayed.

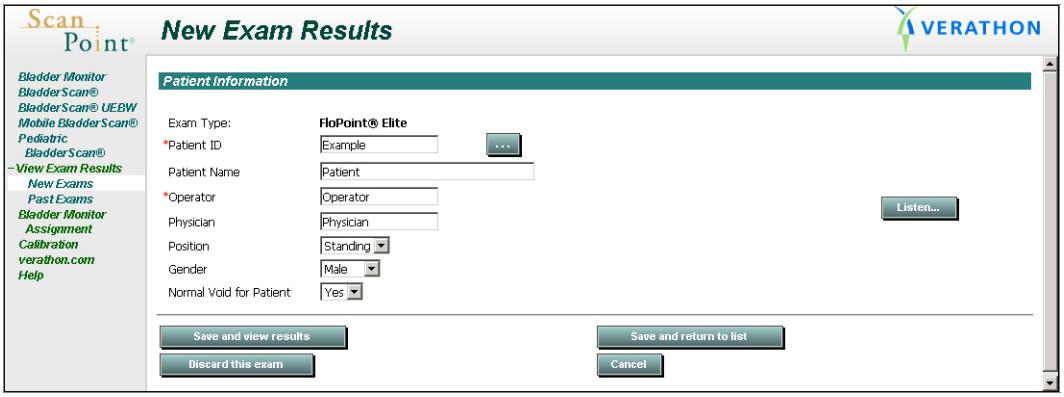
   By default, the exams are arranged in order by Patient ID. To arrange the exams in a different order, click the appropriate column heading. For example, to

arrange the exams in order by Exam Date, click the Exam Date column heading. The exams are listed in order from oldest to most recent. To reverse the date order, click the Exam Date column heading again.

5. In the Exam Result column, exams that display an ENTER DETAILS link have a voice annotation but are missing required exam details.

   To complete exams with missing details, Click the ENTER DETAILS link corresponding to the desired exam. A blank Patient information dialog will open (Figure 29).

Figure 29. New Exam Results - Patient Information Screen (FloPoint® Elite)



6. Click the LISTEN button to play the annotation. You can replay the annotation as many times as necessary.

7. Fill out the dialog fields according to the information in Table 7 on page 44.

8. To save your entries and return to the New Exam list, click the SAVE AND RETURN TO LIST button or the SAVE AND VIEW RESULTS button. This exam will remain in the New Exams list until you view the results.

   To delete the exam and return to the New Exams list, click the DISCARD THIS EXAM button.

   NOTE: For more information on viewing and printing results in ScanPoint®, see “Viewing Exam Results in ScanPoint® Online” on page 47.

9. When you are finished, close the ScanPoint® window by clicking the ☒ in the upper right corner of the window.

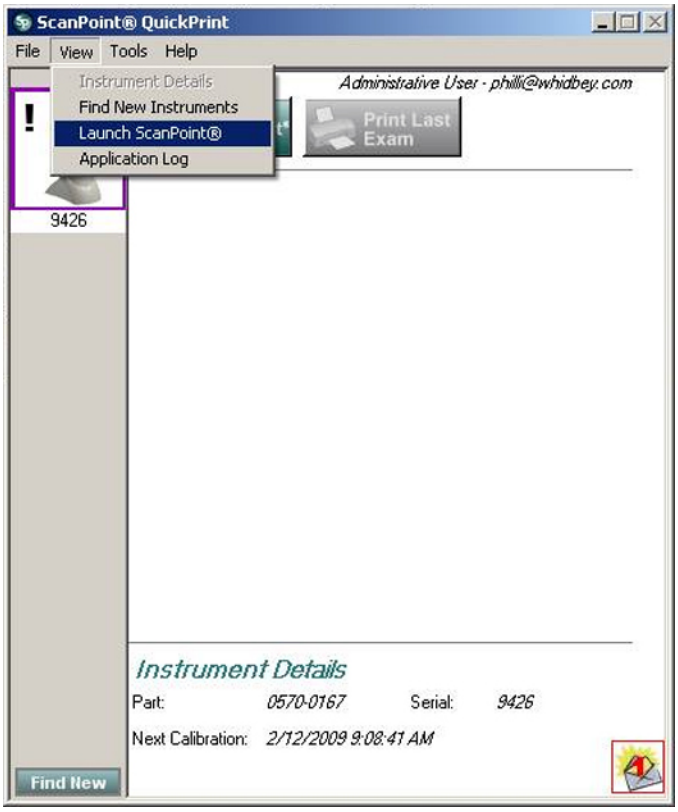
Viewing Exam Results in ScanPoint® Online

QuickPrint runs on your computer and automatically prints the current exam results from your instrument. To view or print past exam results, you must use ScanPoint® Online.

Opening ScanPoint® Online from the QuickPrint Main Window:

From the ScanPoint from QuickPrint Main Window, click the green ScanPoint® button or select **View** > **Launch ScanPoint®** (Figure 30).

Figure 30. Opening ScanPoint® Online from the QuickPrint Main Window



Opening ScanPoint® Online from Any Computer

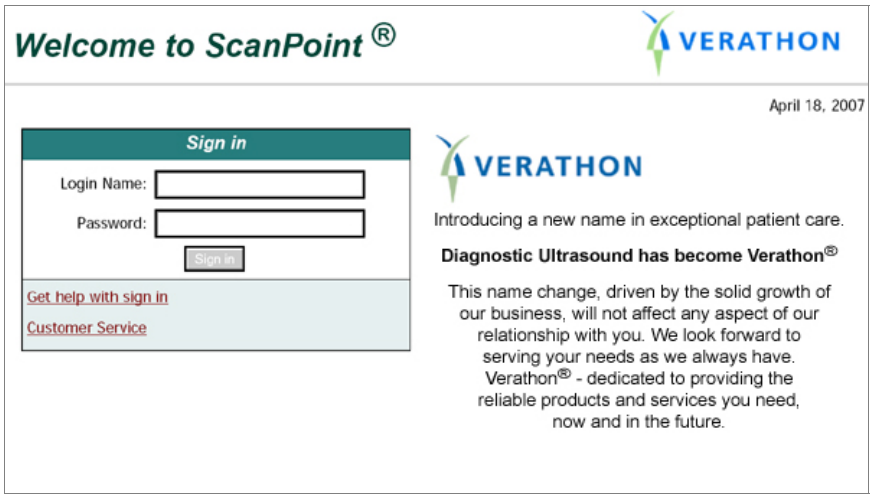
Alternatively, you can use any computer with an Internet connection to open ScanPoint® Online and view and print exam results. However, no matter which computer you use, you can view only exams performed at your facility and saved in your facility's ScanPoint® account.

Starting ScanPoint® Online

1. Open your Internet Explorer browser and navigate to the ScanPoint® Web site at https://my.scanpoint.com.

2. In the Sign In dialog box, enter the User Name and Password assigned to you by Verathon® (Figure 31).

Figure 31. ScanPoint Login Pane


Welcome to ScanPoint ®
VERATHON
April 18, 2007
Sign in
Login Name:
Password:
Sign in
Get help with sign in
Customer Service
VERATHON
Introducing a new name in exceptional patient care.
Diagnostic Ultrasound has become Verathon®
This name change, driven by the solid growth of our business, will not affect any aspect of our relationship with you. We look forward to serving your needs as we always have. Verathon® - dedicated to providing the reliable products and services you need, now and in the future.

3. Click the SIGN IN button to open the initial ScanPoint® window.

Exam results are divided into two categories: New and Past.

- **New:** Exam results that have been transmitted to ScanPoint® Online from QuickPrint but not yet viewed. You can review these exams and accept or reject them. Once viewed, the exams are automatically moved to the Past Exams list.

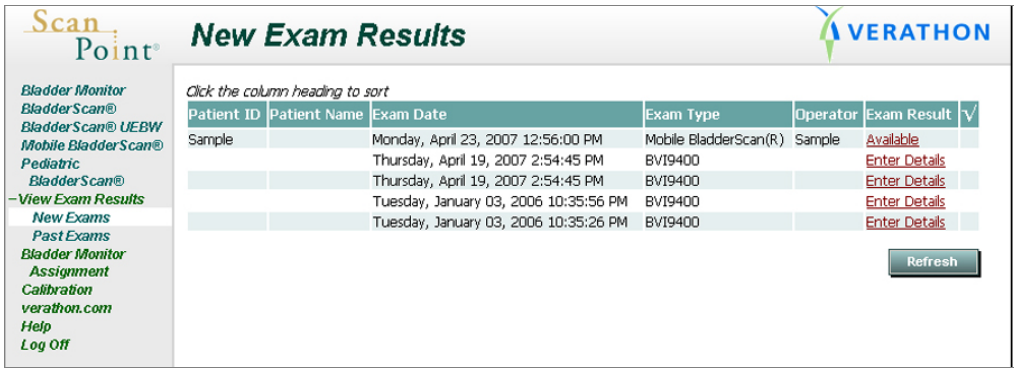
  Exam results in ScanPoint® that have voice annotations but are missing exam details are listed on the New Exams page with an ENTER DETAILS link in the Exam Result column. When viewed, you can listen to the voice recording associated with the exam, enter exam details, and view the results. For more information, see “Completing a Voice-Annotated Exam” on page 45.

- **Past:** Exam results that have already been reviewed in ScanPoint® and that have been accepted or rejected.

Viewing Exam Results

1. **Click NEW EXAMS:**
   On the ScanPoint® menu, at the left side of the window, click NEW EXAMS. (You may need to expand the View Exam Results menu to see this option.). The New Exam Results page will open (Figure 32).

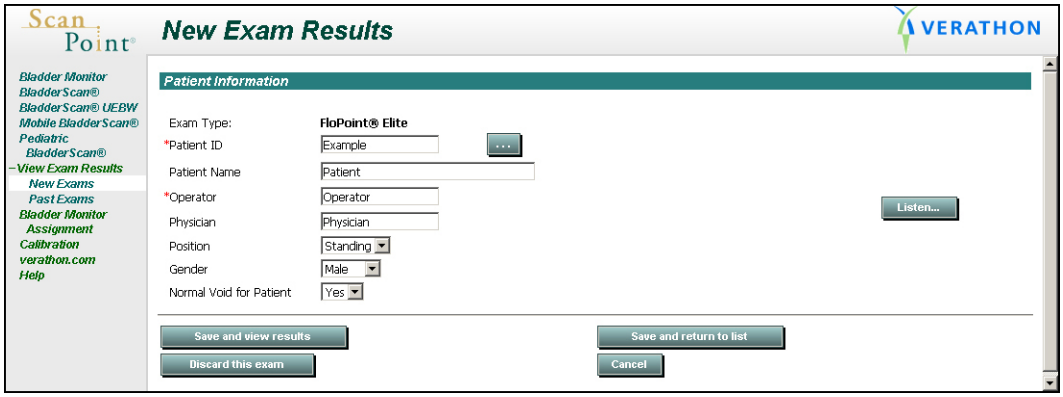
Figure 32. New Exam Results Page



2. **Sort and review exam data:**
   Exam results are sortable. By default, exam results are displayed in order by the Patient ID number. To arrange the exams in a different order, click in the appropriate column heading. For example, to sort the exams by date, click the Exam Date column heading. By default, the exams are listed in order from the oldest at the top to the most recent at the bottom. To reverse the date order, click the Exam Date heading again.

3. **Open an Exam Details page:**
   Click the ENTER DETAILS link to the right of the exam you want to view. A new window will open. Fill in the fields with the appropriate information. (Figure 33). You may press LISTEN to replay the voice annotation.

Figure 33. Enter Exam Details Screen (FloPoint® Screen is shown)



4. After entering exam details, you have several options:

   - Press SAVE AND VIEW RESULTS to save the details and open a report screen (Figure 34, BVI 9000 devices; Figure 35, BVI 6000 series; Figure 36, FloPoint® Elite).

   - Press DISCARD THIS EXAM to not accept the exam. Enter a reason for rejecting the exam in the dialog box. The exam results are saved with "Rejected" status.

     NOTE: If rejected, this exam cannot be viewed at a later date

   - Press SAVE AND RETURN TO LIST to save exam details and return to the New Exams list.

Figure 34. QuickPrint BladderScan® Exam Results View (BVI 9000 Series)

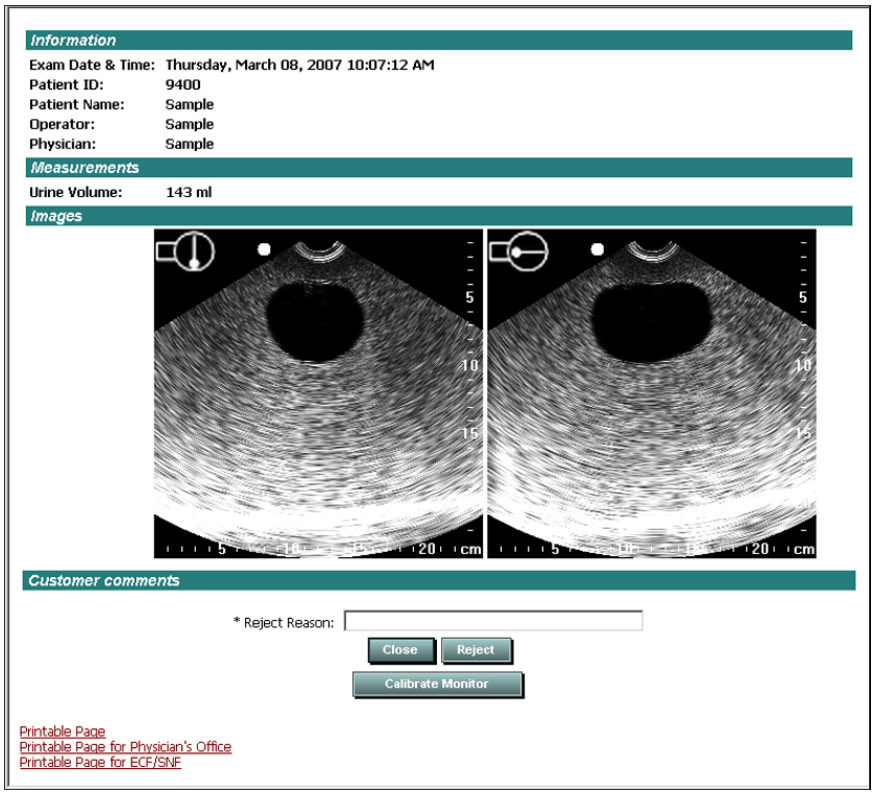


Figure 35. BladderScan® Exam Results View (BVI 6000 Series)

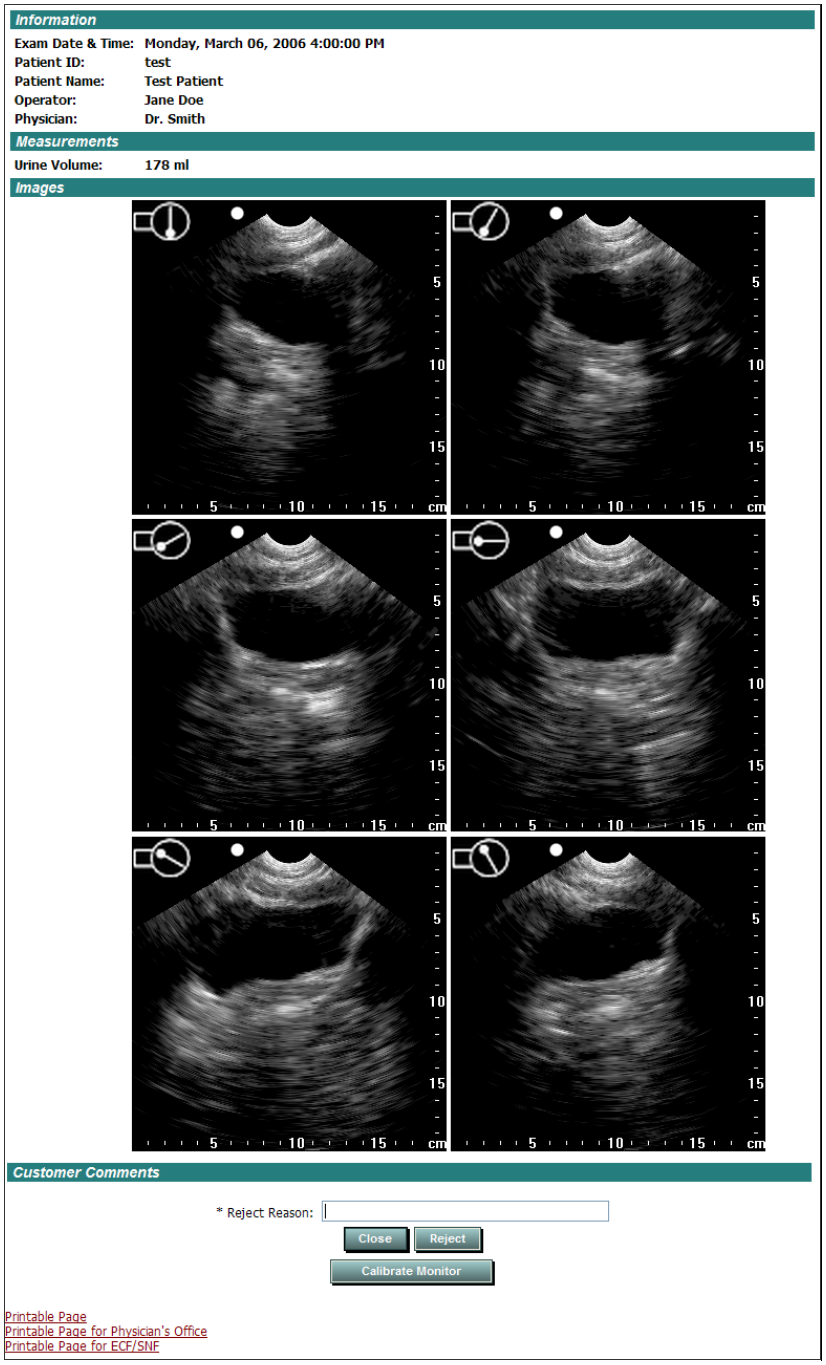
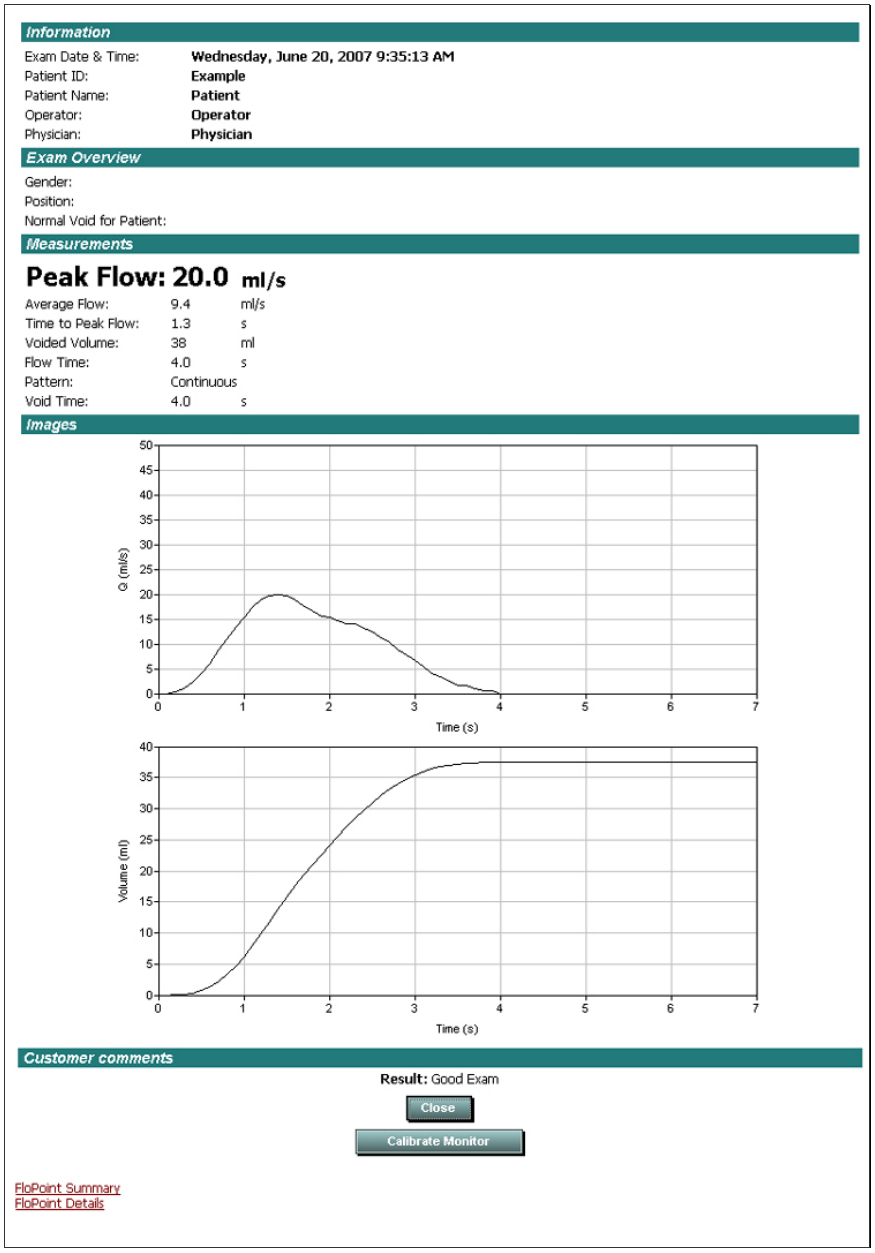


Figure 36. QuickPrint FloPoint® Exam Results View



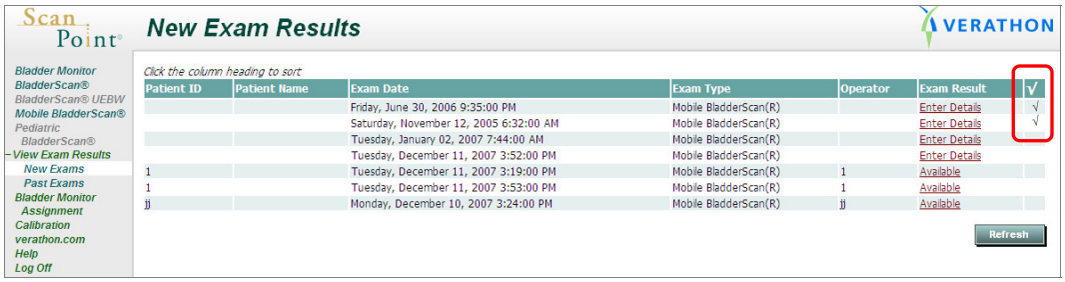
5. **Accept or Reject the Exam**
   You can accept, reject, or print the exam results according to the instructions in Table 8.

Table 8. Managing Exam Results in ScanPoint® Online

To	Do this
Accept the results of a new exam	Click the CLOSE button at the bottom of the exam result page. Or, click the ☒ in the upper right corner of the exam result window.
Reject the results of a new exam	Enter a reason for rejecting the exam in the Reject Reason text box at the bottom of the exam result page. The click REJECT button.
Print the exam details and images	1. At the bottom of the exam result page, click the PRINTABLE PAGE link. A new window appears displaying the exam report as it will print. 2. At the top of the page, click the PRINT THIS PAGE link. The Windows Print dialog box will open. 3. Select the appropriate options and click OK to send the page to the printer.
Print the exam details and images with a diagnostic checklist for the physician's records	1. At the bottom of the scan result page, click the PRINTABLE PAGE FOR PHYSICIAN'S OFFICE link. A new window will open displaying the exam report as it will print. 2. At the top of the page, click the PRINT THIS PAGE link. The Windows Print dialog box will open. 3. Select the appropriate options and click OK to send the page to the printer.
Print the exam details and images with a diagnostic checklist for an Extended Care Facility (ECF) or Skilled Nursing Facility (SNF)	1. At the bottom of the scan result page, click the PRINTABLE PAGE FOR ECF/SNF link. A new window will open displaying the exam report as it will print. 2. At the top of the page, click the PRINT THIS PAGE link. The Windows Print dialog box will open. 3. Select the appropriate options and click OK to send the page to the printer.
View the images more clearly	1. Click the CALIBRATE MONITOR button. The Calibrate Monitor dialog will open. 2. Follow the instructions in the dialog.

6. **Reviewed Exams are moved to the Past Exams list**
   Once an exam has been viewed, a check mark is displayed next to its entry in the last column of the New Exam Results list (Figure 37). When you refresh the ScanPoint® window, any viewed exams disappear from the list.

Figure 37. New Exam Results

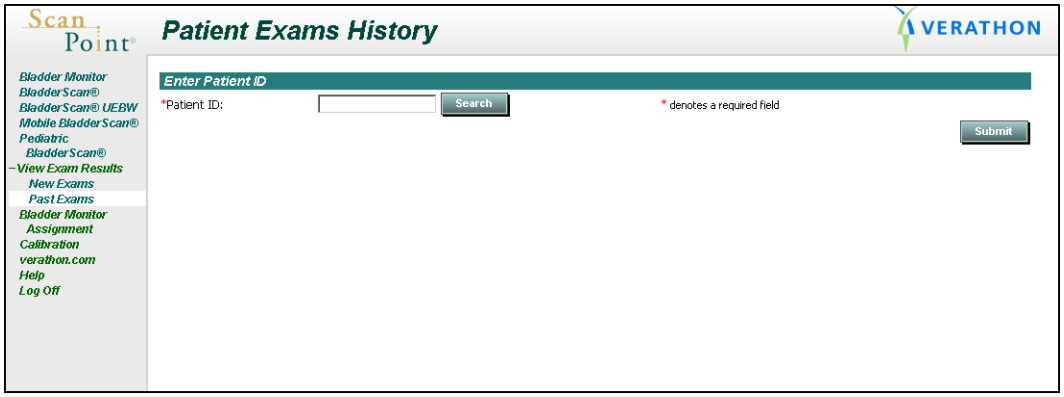


Viewing Past Exams

Once an exam has been viewed in ScanPoint®, it's automatically moved to the Past Exams list. To view a past exam:

1. On the ScanPoint® menu at the left of the window, click PAST EXAMS. The Patient Exams History screen is displayed (Figure 38).

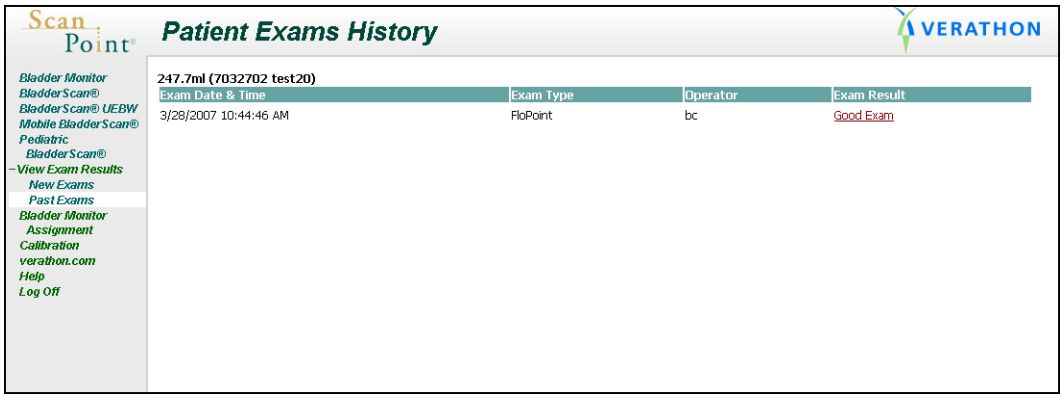
Figure 38. Patient Exams History screen - Search by Patient ID



2. To see a patient's past exams, enter the appropriate Patient ID in the Patient ID text box and click SUBMIT. Or, to choose from a list of IDs used at your institution, click the SEARCH button and then click on the appropriate Patient ID.

   A list of viewed exams with the Patient ID you selected will appear (Figure 39).

Figure 39. Patient Exams History Search Results



3. To view an exam result, click the link in the Exam Result column next to the appropriate exam.
   - Accepted exam results will display a Good Exam link.
   - Rejected exam results will display a Failed Exam due to user rejection link.

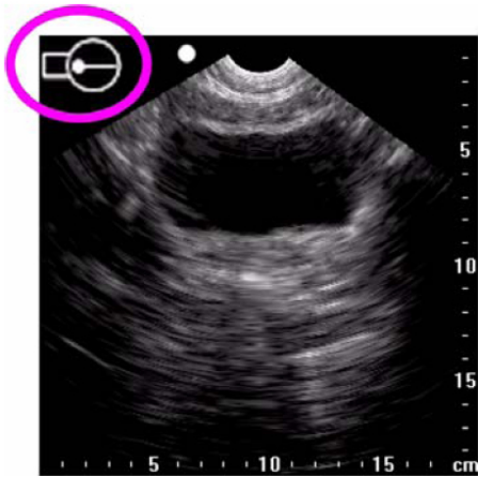
4. Follow the instructions in Table 8 on page 53 to view or print these results.

ScanPoint® Reports

BladderScan® Orientation Icons

Exam images generated by BladderScan® 6000 series and BladderScan® 9000 series devices utilize orientation icons to facilitate image interpretation.

Figure 40. An orientation icon is displayed in the upper left corner of each scan image.



The circle and rectangle in each icon represent the Probe: the circle represents the transducer (black rounded end) and the rectangle represents the handgrip. The white dot in the icon corresponds to the dot displayed at the upper left of the scan image.

Therefore, assuming the Probe is held perpendicular to the patient's spine and his or her right side:

Indicates that the scan was taken in the sagittal plane, with the left side of the image towards the patient's feet.

Indicates that the scan was taken in the transverse plane, with the left side of the image toward the patient's right side.

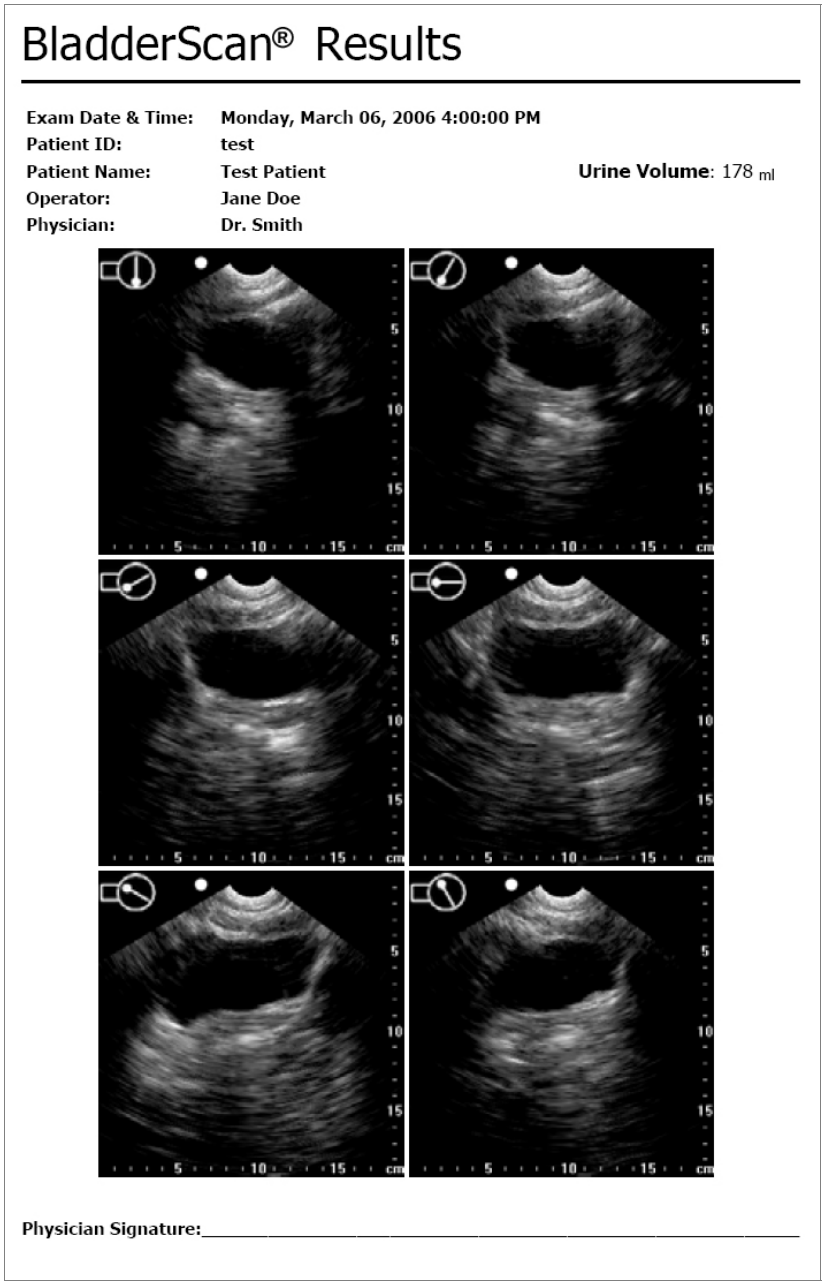
BladderScan® 6000 Series ScanPoint® Reports

Samples of each type of ScanPoint® report that can be generated by the BladderScan® BVI 6000 series devices are shown on the next few pages.

BladderScan® Standard Report, BVI 6000 Series

This report type, called “PDF Standard” in QuickPrint and “Printable Page” in ScanPoint®, displays exam details and six images from the V-MODE® measurement. This report format applies to results from the BladderScan® (BVI 6100), Pediatric BladderScan® (BVI 6200), and Mobile BladderScan® (BVI 6400) instruments.

Figure 41. BladderScan® Standard Report, BVI 6000 Series



BladderScan® UEBW Standard Report, BVM 6500

This report type, called “PDF Standard” in QuickPrint and “Printable Page” in ScanPoint® Online, displays exam details, six images from the V-MODE® measurement, and four images illustrating the bladder wall thickness measurement in two scan planes. This report format applies to results from the BladderScan® (BVM 6500) instrument only.

Figure 42. UEBW Standard Report, BVM 6500, page 1 of 2

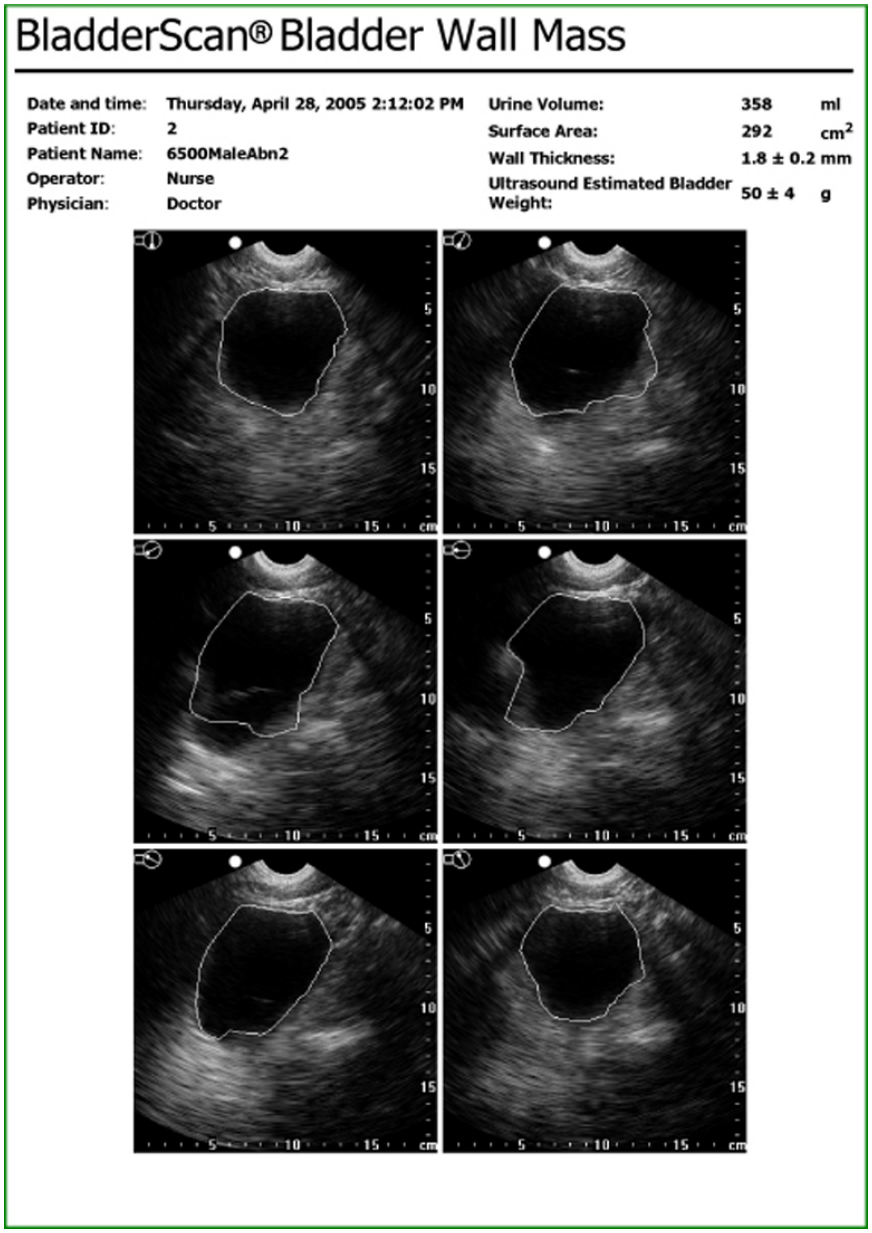
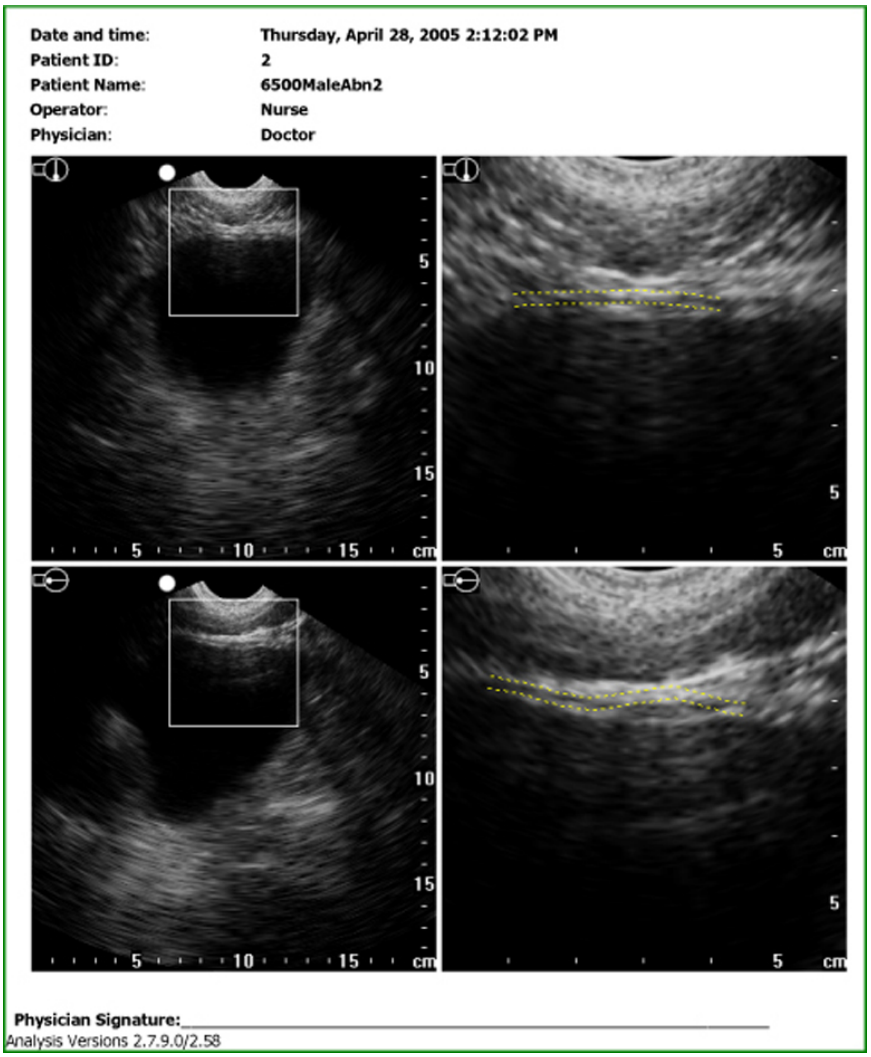

BladderScan® Bladder Wall Mass
Date and time: Thursday, April 28, 2005 2:12:02 PM
Patient ID: 2
Patient Name: 6500MaleAbn2
Operator: Nurse
Physician: Doctor
Urine Volume: 358 ml
Surface Area: 292 cm2
Wall Thickness: 1.8 ± 0.2 mm
Ultrasound Estimated Bladder Weight: 50 ± 4 g

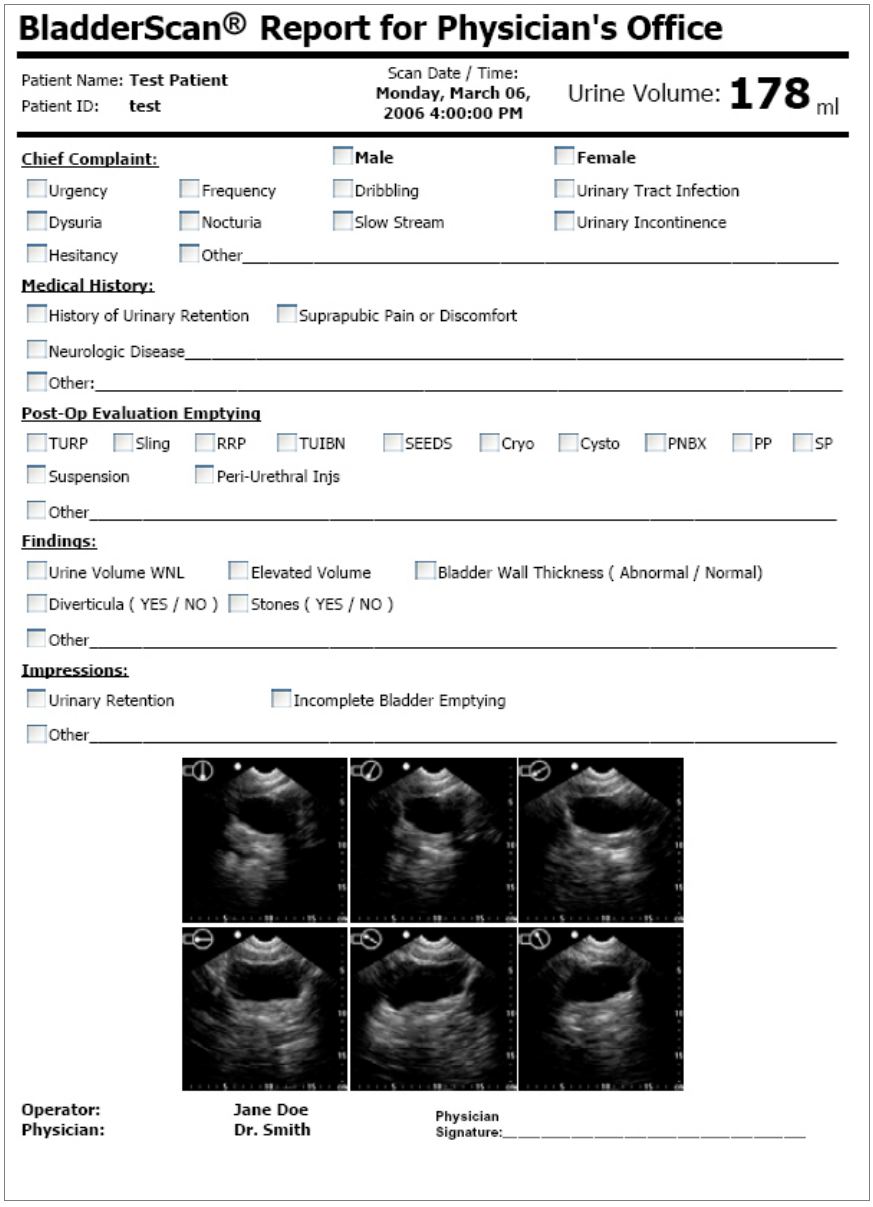
Figure 42. UEBW Standard Report, BVM 6500, page 2 of 2



Report for a Physician's Office

This report type, called "PDF for Physician's Office" in QuickPrint and "Printable Page for Physician's Office" in ScanPoint® Online, displays exam details, six images from the V-MODE® measurement, and a diagnostic checklist for the physician's records. This report format applies to results from the BladderScan® (BVI 6100), Pediatric BladderScan® (BVI 6200), and Mobile BladderScan® (BVI 6400) instruments.

Figure 43. Report for a Physician's Office, BVI 6000 Series



BladderScan® Report for Physician's Office

Patient Name: Test Patient
Patient ID: test

Scan Date / Time: Monday, March 06, 2006 4:00:00 PM

Urine Volume: 178 ml

Chief Complaint:

☐ Male ☐ Female

☐ Urgency ☐ Frequency ☐ Dribbling ☐ Urinary Tract Infection
☐ Dysuria ☐ Nocturia ☐ Slow Stream ☐ Urinary Incontinence
☐ Hesitancy ☐ Other_____

Medical History:

☐ History of Urinary Retention ☐ Suprapubic Pain or Discomfort
☐ Neurologic Disease_____
☐ Other:_____

Post-Op Evaluation Emptying

☐ TURP ☐ Sling ☐ RRP ☐ TUIBN ☐ SEEDS ☐ Cryo ☐ Cysto ☐ PNBX ☐ PP ☐ SP
☐ Suspension ☐ Peri-Urethral Injs
☐ Other_____

Findings:

☐ Urine Volume WNL ☐ Elevated Volume ☐ Bladder Wall Thickness (Abnormal / Normal)
☐ Diverticula (YES / NO) ☐ Stones (YES / NO)
☐ Other_____

Impressions:

☐ Urinary Retention ☐ Incomplete Bladder Emptying
☐ Other_____

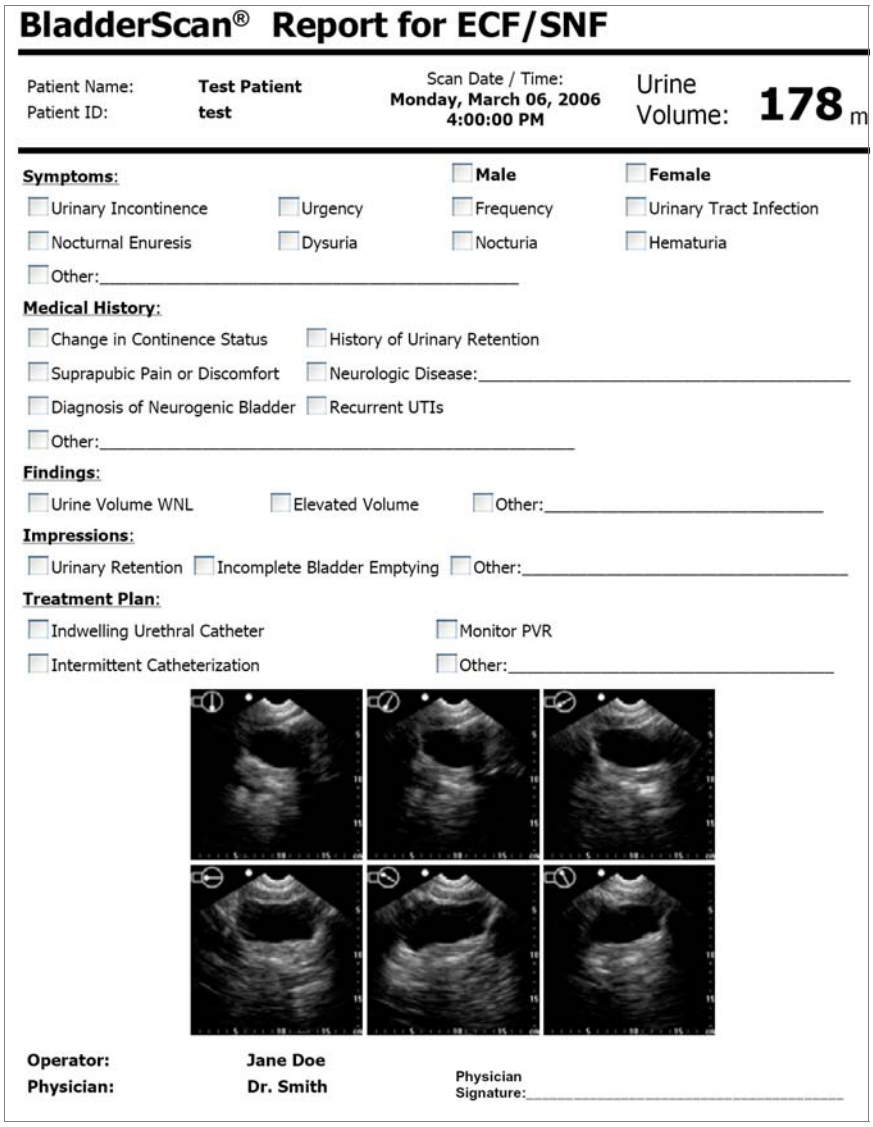
Operator: Jane Doe
Physician: Dr. Smith

Physician Signature:_____

Report for an Extended Care Facility (ECF/SNF)

This report type, called “PDF for ECF/SNF” in QuickPrint and “Printable Page for ECF/SNF” in ScanPoint® Online, displays exam details, six images from the V-MODE® measurement, and a diagnostic checklist for an extended care facility or skilled nursing facility. This report format applies to results from the BladderScan® (BVI 6100), Pediatric BladderScan® (BVI 6200), and Mobile BladderScan® (BVI 6400) instruments.

Figure 44. ECF/SNF Report, BVI 6000 Series

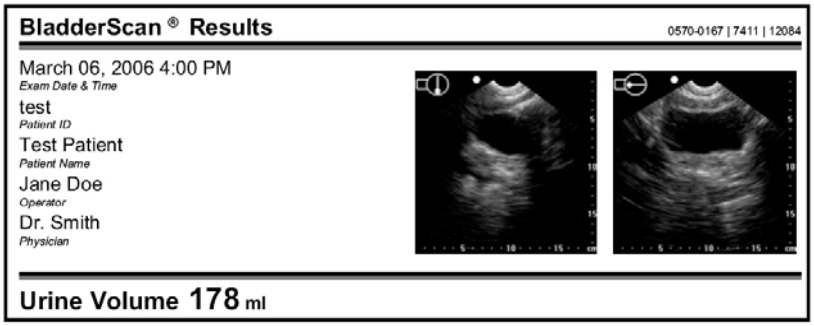


BladderScan® Label Report, BVI 6100, BVI 6200, BVI 6400

This report type, called “PDF Label Standard,” displays exam details and two images from the V-MODE® measurement. This report format applies to results from the BladderScan® (BVI 6100), Pediatric BladderScan® (BVI 6200), and Mobile BladderScan® (BVI 6400) instruments.

NOTE: The Label Report cannot be printed from ScanPoint® Online.

Figure 45. BladderScan® Label Report, BVI 6100, BVI, 6200, BVI 6400

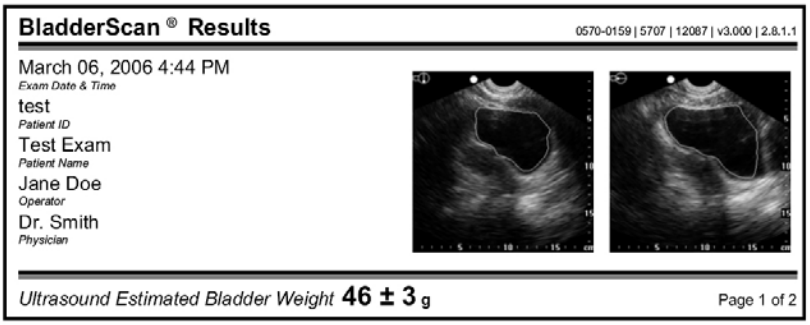


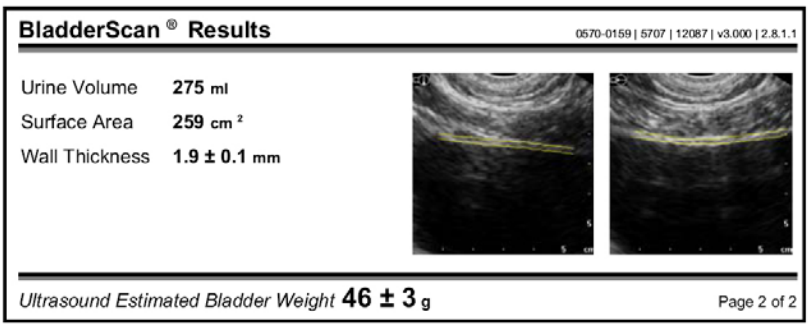
BladderScan® UEBW Label Report

This report type, called PDF Label Standard, displays exam details, two images from the V-MODE® measurement, and two images illustrating the bladder wall thickness measurement. This report format applies to results from the BladderScan® (BVM 6500) instrument only.

NOTE: The UEBW Label Report cannot be printed from ScanPoint® Online.

Figure 46. BladderScan® UEBW Label Report, BVI 6500




BladderScan ® Results
0570-0159 | 5707 | 12087 | v3.000 | 2.8.1.1
Urine Volume 275 ml
Surface Area 259 cm²
Wall Thickness 1.9 ± 0.1 mm
Ultrasound Estimated Bladder Weight 46 ± 3 g
Page 2 of 2

BladderScan® 9000 Series ScanPoint® Reports

Samples of each type of ScanPoint® report that can be generated by the BladderScan® BVI 9000 series devices are shown on the next few pages. Reports created in ScanPoint® contain the following information:

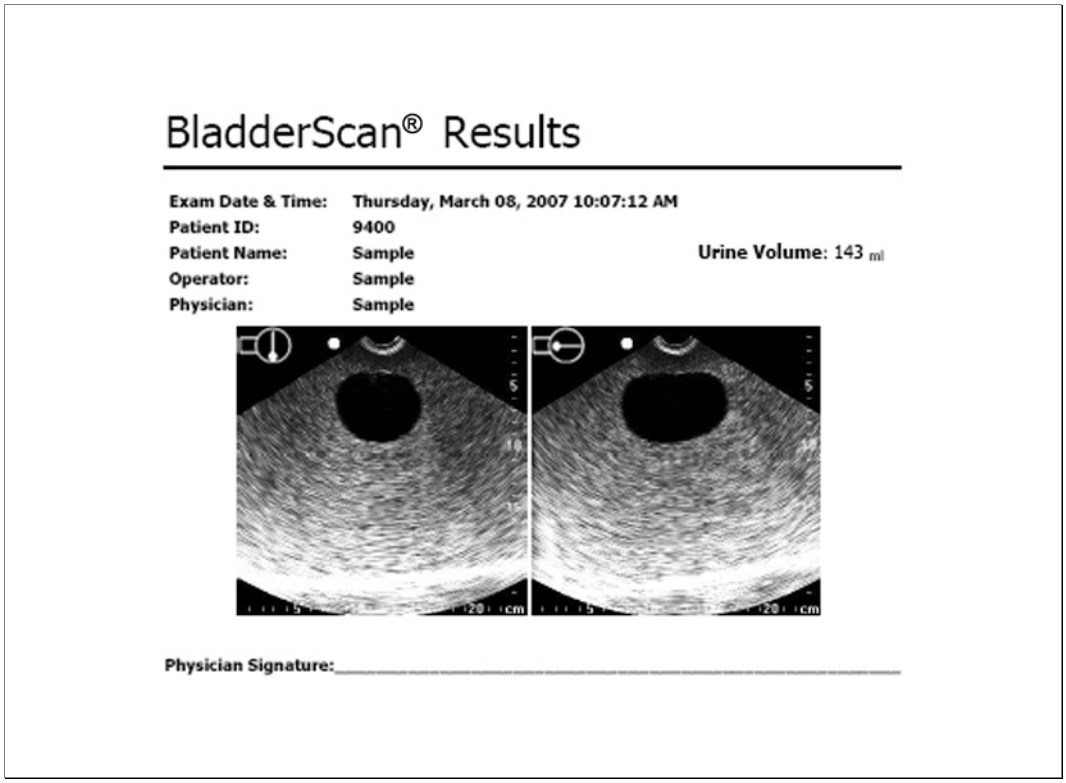
Table 9. ScanPoint Report Fields

All Devices	Explanation
Exam Date and Time	The date and time the exam was performed.
Patient ID	The patient's ID as entered into ScanPoint® with QuickPrint.
Patient Name	The patient's name as entered into ScanPoint® with QuickPrint.
Operator	The instrument operator for this exam, as entered into ScanPoint® with QuickPrint.
Physician	The supervising physician for this exam, as entered into ScanPoint® with QuickPrint.
Urine Volume	The volume of urine in the bladder, calculated from the NeuralHarmonics™ ultrasound measurement.
Scan Images (BladderScan® only)	Six representative image planes from the NeuralHarmonics™ exam. These images are displayed with vertical and horizontal scale bars showing one centimeter increments, and with orientation icons (explained in the next paragraph).

BladderScan® Standard Report, BVI 9000 Series Devices

This report type (Figure 47), called “PDF Standard” in QuickPrint and “Printable Page” in ScanPoint®, displays exam details and two images from the NeuralHarmonics™ ultrasound measurement.

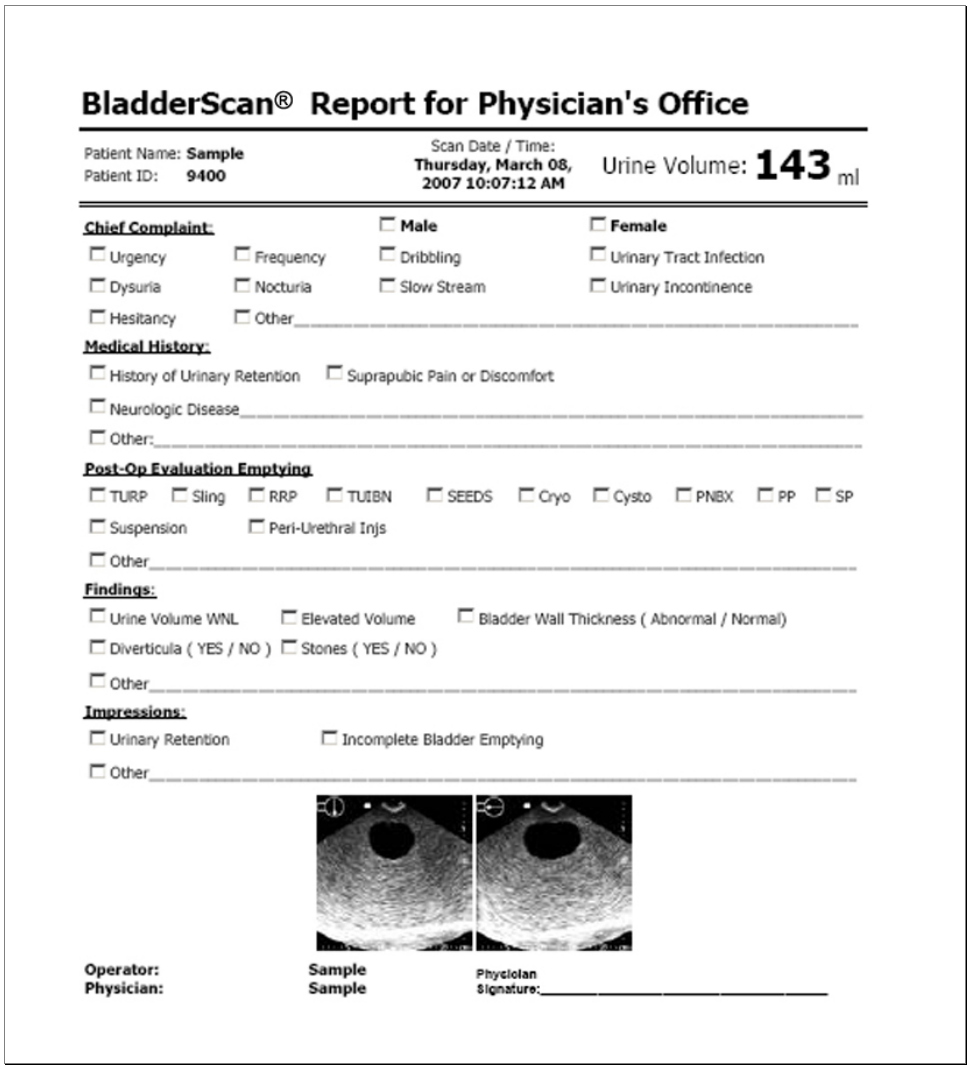
Figure 47. BladderScan® Standard Report, BVI 9000 series devices



Report for a Physician's Office

This report type, called "PDF for Physician's Office" in QuickPrint and "Printable Page for Physician's Office" in ScanPoint® Online (Figure 48), displays exam details, two images from the NeuralHarmonics™ ultrasound measurement, and a diagnostic checklist for the physician's records.

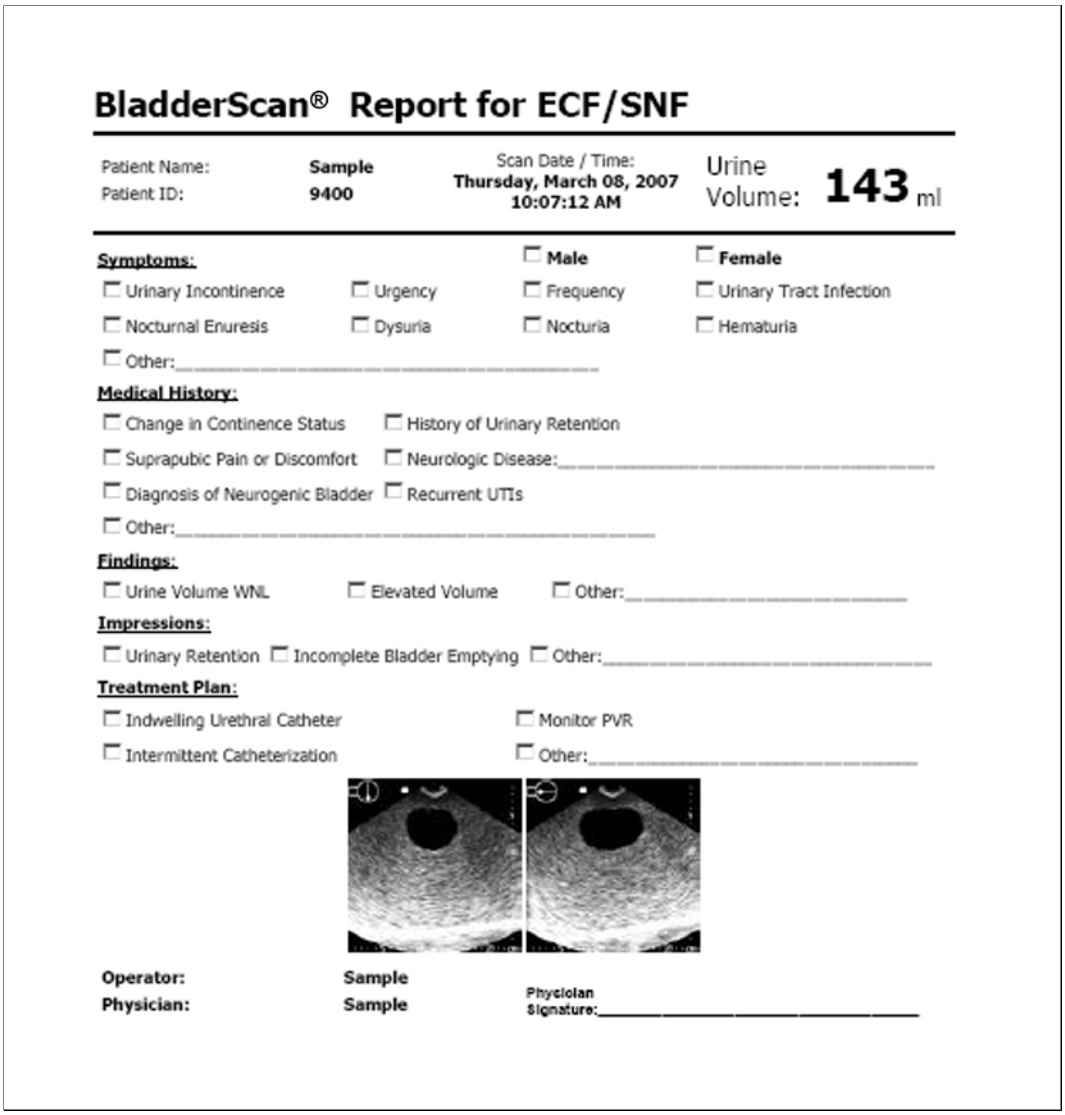
Figure 48. Report for a Physician's Office



Report for an Extended Care Facility

This report type, called “PDF for ECF/SNF” in QuickPrint and “Printable Page for ECF/SNF” in ScanPoint® Online (Figure 49), displays exam details, two images from the NeuralHarmonics™ ultrasound measurement, and a diagnostic checklist for an Extended Care Facility or Skilled Nursing Facility.

Figure 49. Extended Care Facility Report

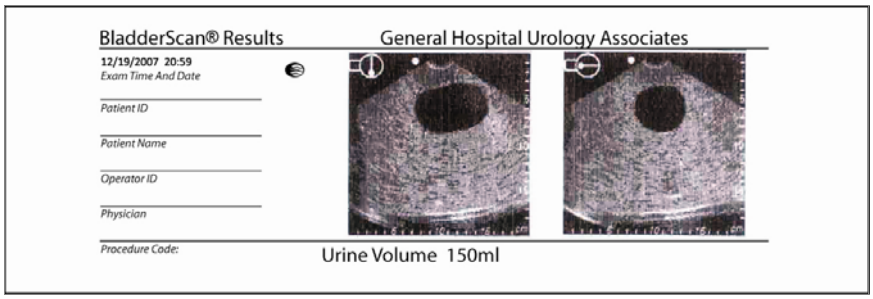


BladderScan® Label Writer Report

This report type, called PDF Label Standard, displays exam details and images from the NeuralHarmonics™ ultrasound measurement (Figure 50).

NOTE: The BladderScan® Label Writer Report cannot be printed from ScanPoint® Online. This report can only be generated from the onboard printer on the BVI 9000 series device.

Figure 50. BladderScan® Report



FloPoint Elite Reports

There are two different styles of reports provided by the FloPoint® Elite system:

- A summary report that provides only the peak flow measurement.
- A detailed report that provides all measurements (Figure 51).

Past Exams and Voice Annotated Exams

Past exams and voice annotated exams must be printed through the ScanPoint® Online interface. Both the summary and the detailed reports have been formatted to fit on a sheet of 8.5”x11” paper in portrait orientation (Figure 57).

To print a past exam or voice annotated exam:

1. After opening the exam results, click on either the Summary or the Detail links to open a preview of the printed report.

2. Once the preview is open, click on the Print This Page link to print the report to your printer.

Exams Without Voice Annotation

Exams without voice annotation may be printed directly through QuickPrint to a sheet of 8.5” x 11” on your local or network printer, or to labels available with the ScanPoint® Label Writer (Figure 50). Your QuickPrint preference settings will let you select which report format you want to print and what printer to use. (**NOTE:** The Label Report cannot be printed from ScanPoint® Online.)

Printing Results from the Last Exam Performed

The last exam performed by your FloPoint® Elite may be re-printed through the QuickPrint interface by clicking the PRINT LAST EXAM button. QuickPrint reports may be printed to a sheet of 8.5” x 11” on your local or network printer, or to labels available with the ScanPoint® Label Writer. Use QuickPrint preference settings to select the desired report format and printer.

Figure 51. ScanPoint® Online Detail Report

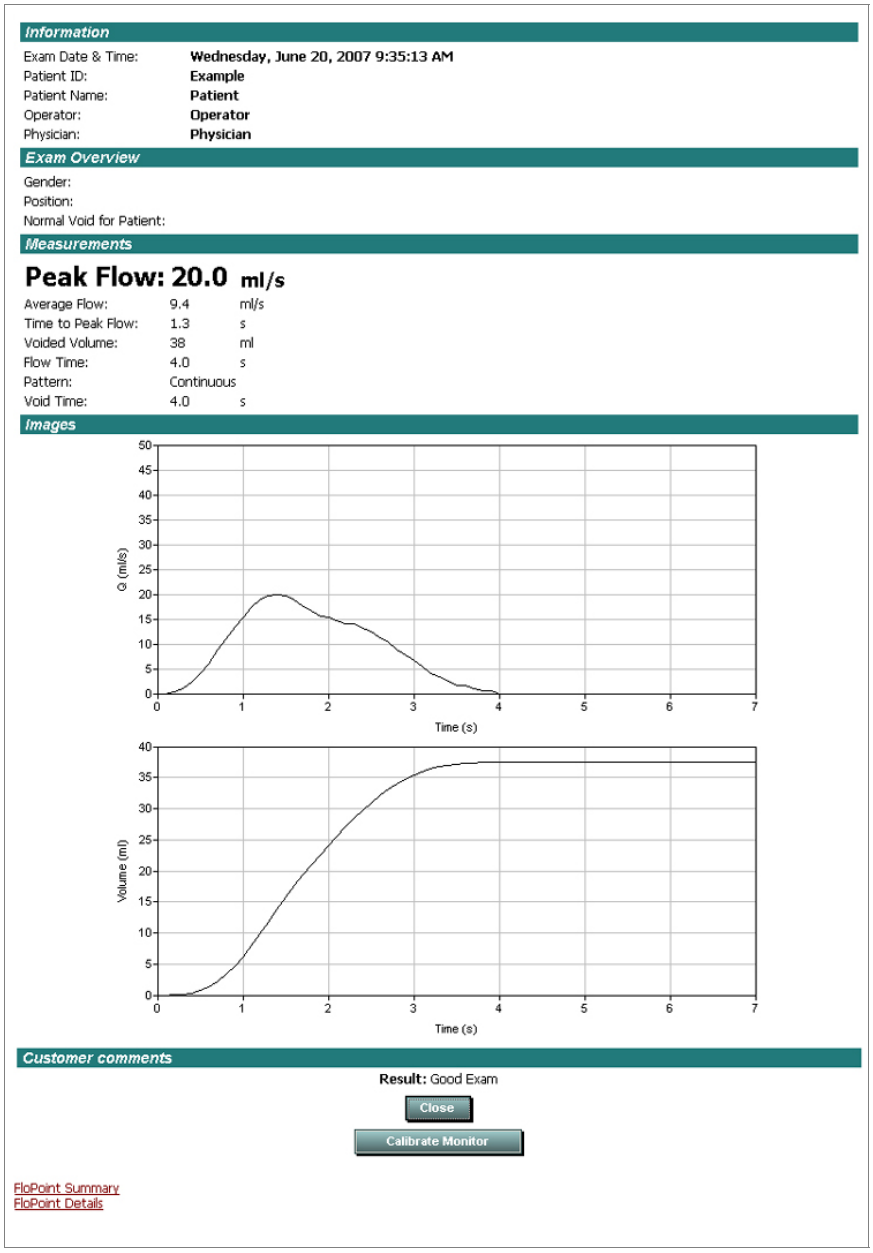


Figure 52. ScanPoint® Online Detail Report Preview

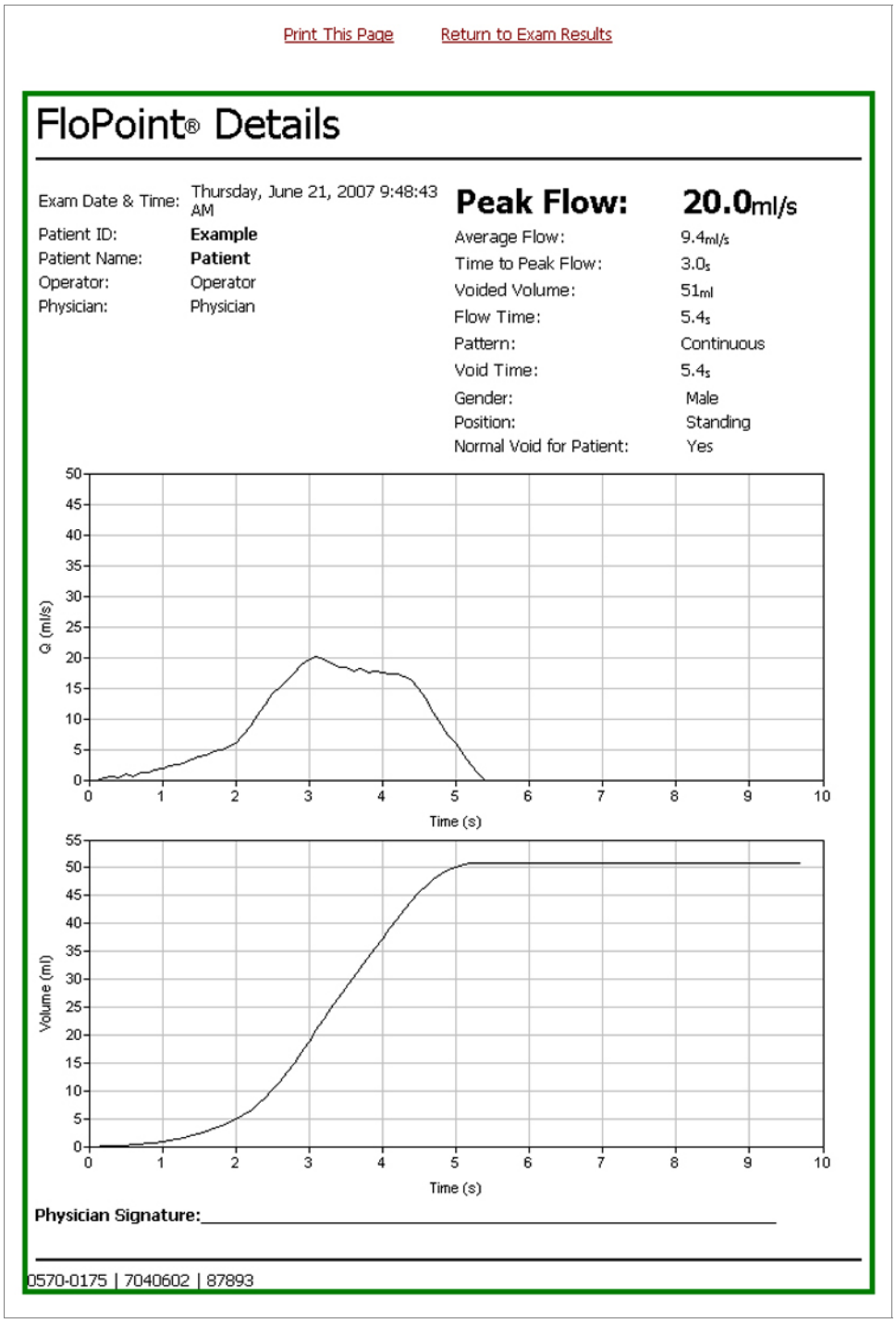


Figure 53. ScanPoint® Online Summary Report Preview

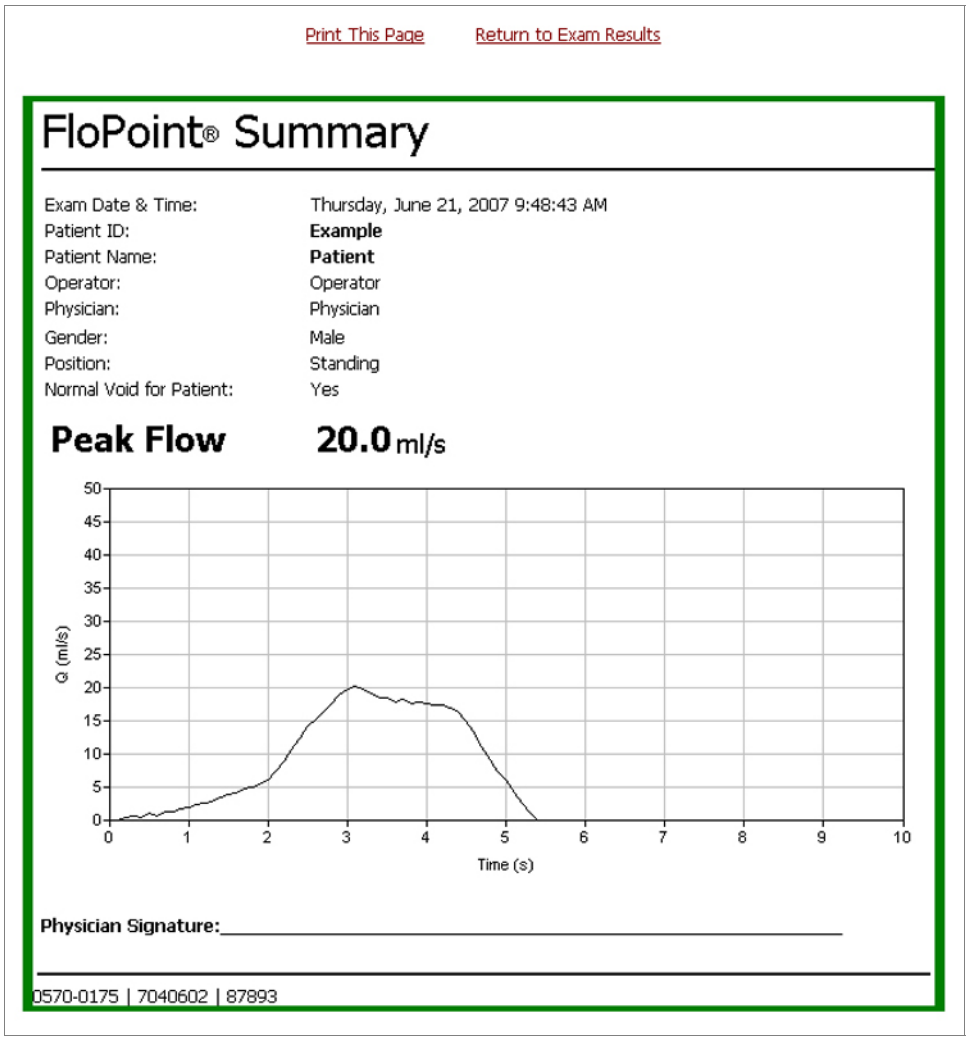


Figure 54. ScanPoint® with QuickPrint Full Page Detail Report

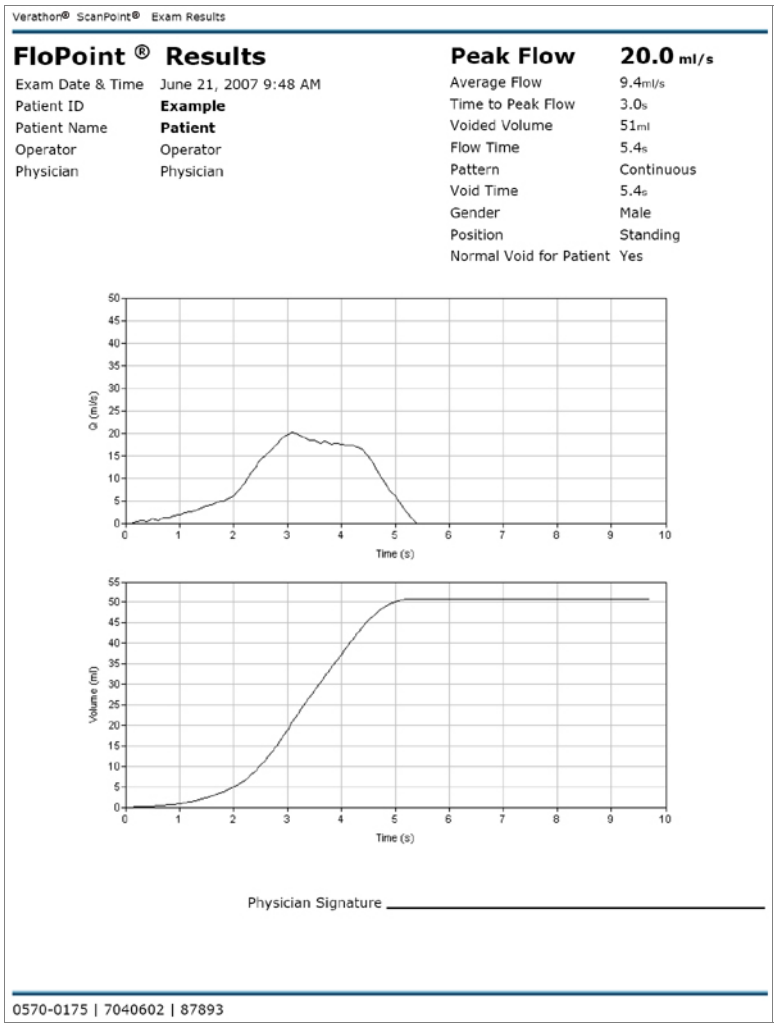


Figure 55. ScanPoint® with Quick Print Full Page Summary Report

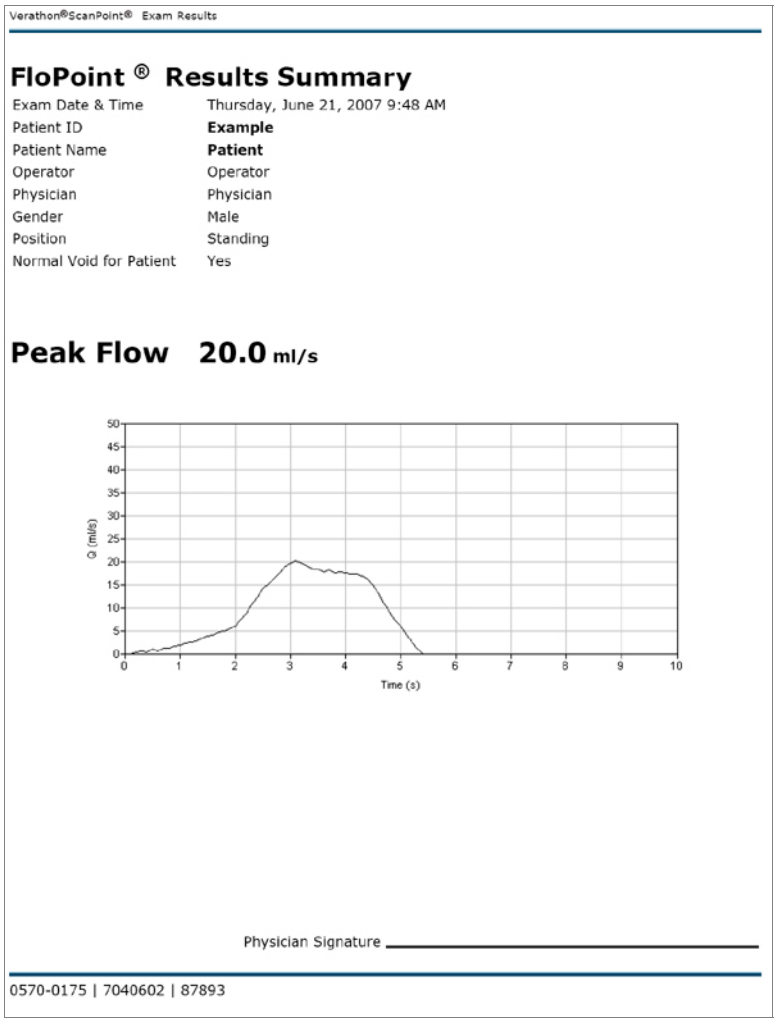


Figure 56. ScanPoint® with QuickPrint Detail Label Report

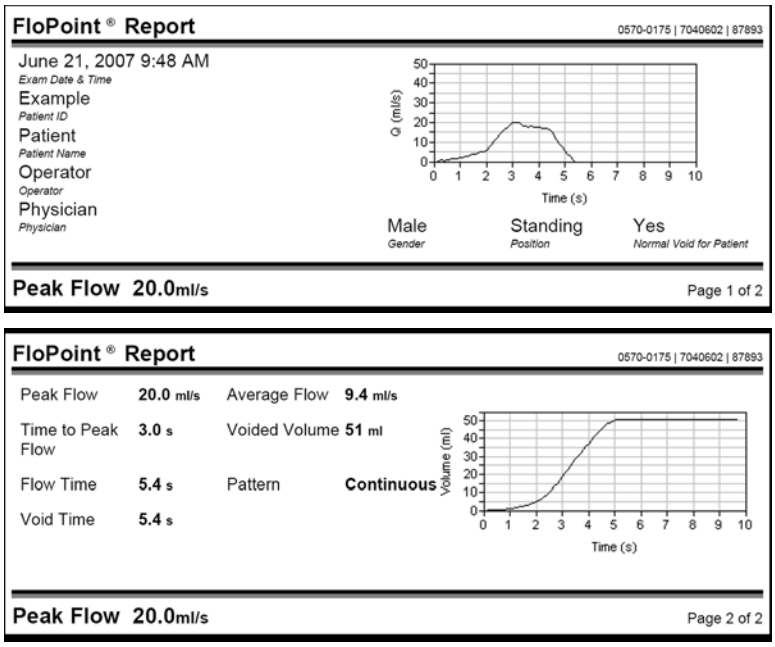
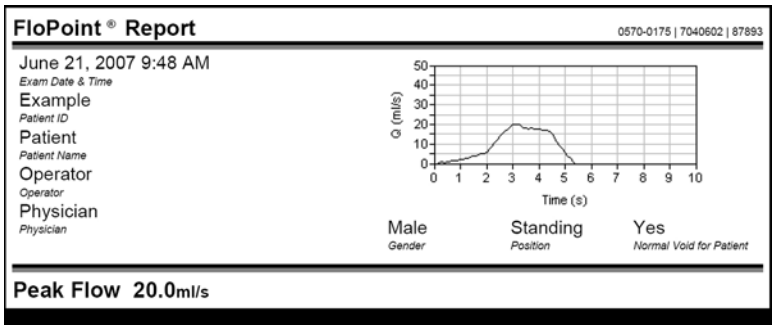


Figure 57. ScanPoint® with QuickPrint Summary Label Report



Calibrating Your BladderScan® 6000 Series Device

Your BladderScan® instrument requires periodic calibration to ensure that it is providing the most accurate results. Calibration ensures accurate and proper alignment of the instrument's internal coordinate system.

The entire calibration process takes approximately 15 minutes. You can calibrate your instrument as often as you like; you do not have to wait for the next scheduled calibration date. However, at a minimum, you must calibrate the instrument every 12 months.

If the calibration period has elapsed, you may continue to use the instrument to perform bladder scans. However, the accuracy of the measurements may be compromised.

Viewing the number of days until required calibration:

1. Mobile BladderScan® BVI 6400 users only: Place the instrument in the ScanPoint® Docking Station or charging cradle.

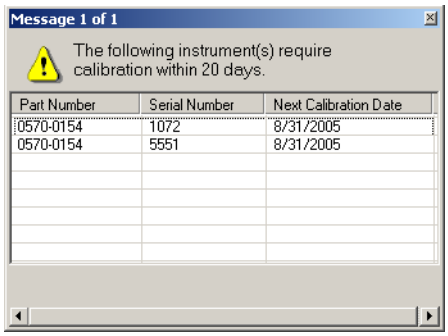
   Other BladderScan® (BVI 6100, BVI 6200, BVM 6500) users: Remove the instrument from the ScanPoint® Docking Station or charging cradle.

2. Press and hold down the Top button for at least five seconds. The LCD screen displays the icon and the number of days until the required calibration date.

   NOTE: When an instrument displays and 000, it is disabled and needs calibration to enable it again.

   A message appears in ScanPoint® QuickPrint when one or more instruments need calibration within 20 days (Figure 58).

Figure 58. QuickPrint Calibration Alert



Viewing Instrument Details

To view the date for the next scheduled calibration:

1. Place the instrument in the docking station.
2. In ScanPoint® with QuickPrint, go to the View menu and select Instrument Details. The Instrument Details section displays the details for the docking station and instrument.

Figure 59. Instrument Details Screen

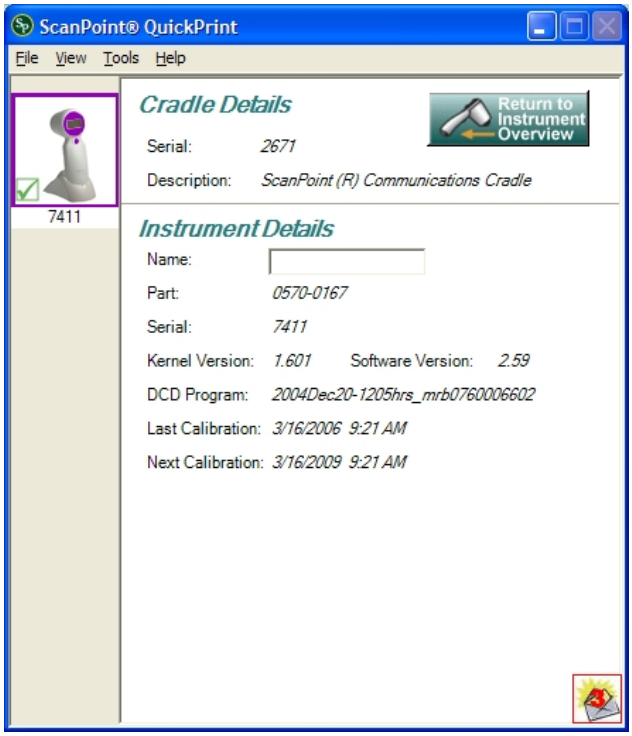


Table 10. Instrument Details

Entry	Explanation
Name	The name assigned to the instrument
Part	The number identifying the instrument model
Serial	The unique number identifying the current instrument
Last Calibration	When the instrument was last calibrated
Next Calibration	The due date and time for the next calibration

NOTE: Kernel Version, Software Version, and DCD Program are used by the Verathon® Medical Customer Care department only.

3. View the date next to “Next Calibration.

4. Press Return to Instrument Overview to return to the Instrument Overview (Prepare New Exam) pane.

   NOTE: The Next Calibration date is also displayed in the “Instrument Details” section at the bottom of the Instrument Overview pane.

Calibrating with ScanPoint® Online

Before starting:

- Make sure the instrument is fully charged (all four power segments are illuminated)
- You must have Administrator or Technical User status to calibrate your instrument.

  To change your ScanPoint® user profile:

  - Go to the Tools menu and choose Preferences
  - click the ScanPoint® Login tab
  - Enter the User Name and Password you want to use, and click Connect.

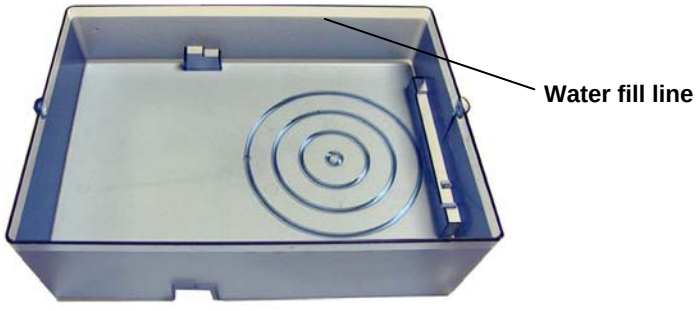
NOTE: For more information on user profiles, see “About User Profiles” on page 30.

Prepare the Calibration Container:

1. Place the bottom of the calibration container (without its lid) on a flat, non-reflective surface.

2. Find the water fill line, where the textured outside surface of the container sides becomes smooth near the top of the container (Figure 60).

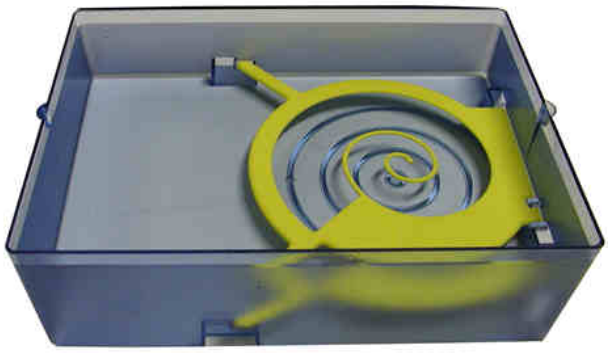
Figure 60. Water fill line on calibration container



3. Fill the container bottom to the fill line with clean water at room temperature -- about 1 gallon (4.2 liters).

4. Place the spiral-shaped target in the container as shown in Figure 61, with the straight edge resting on the shelf at the end of the container and the two arms resting on the knobs at either side of the container.

Figure 61. Positioning the calibration target



NOTE: Bubbles in or on the concentric circles at the bottom of the container or on the yellow spiral target interfere with the calibration of the instrument. To eliminate bubbles:

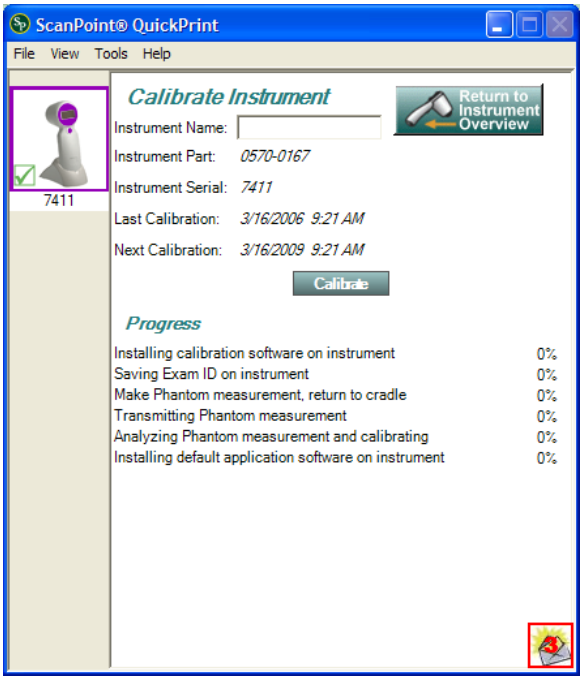
- Pour the water into the container slowly and carefully.
- If bubbles cling to the concentric circles, try wiping them off with your finger or another object.

5. Place the lid on the calibration container with the hole centered over the target.

Perform the Calibration:

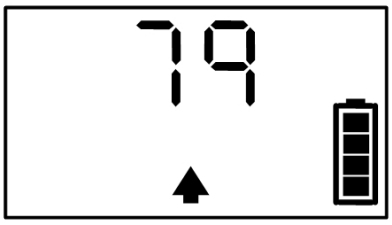
1. Place the instrument in the Docking Station. From the ScanPoint® with QuickPrint Tools menu, select “Calibrate Instrument.” The Calibrate Instrument window is displayed (Figure 62).

Figure 62. Calibrate Instrument Screen



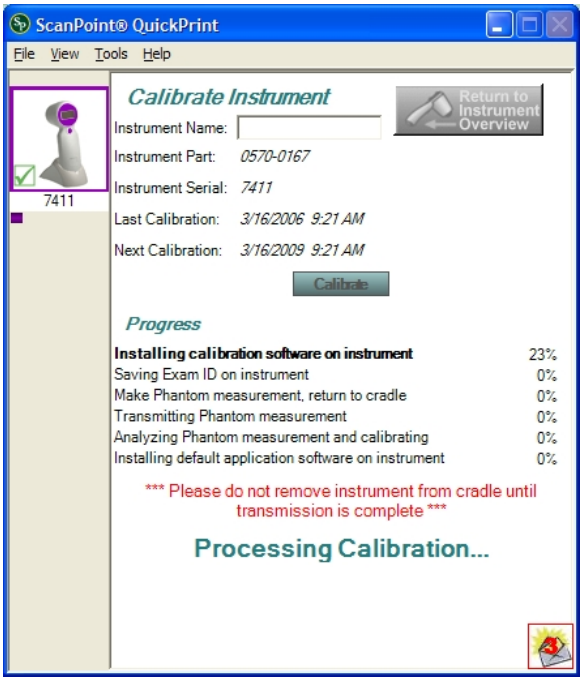
2. Click the Calibrate button. An up arrow is displayed on the instrument’s LCD screen, indicating it is receiving the calibration program from QuickPrint (Figure 63).

Figure 63. Up arrow indicates calibration software download in progress



The bottom half of the Calibration window displays the percentage completed for each step in the calibration process (Figure 64).

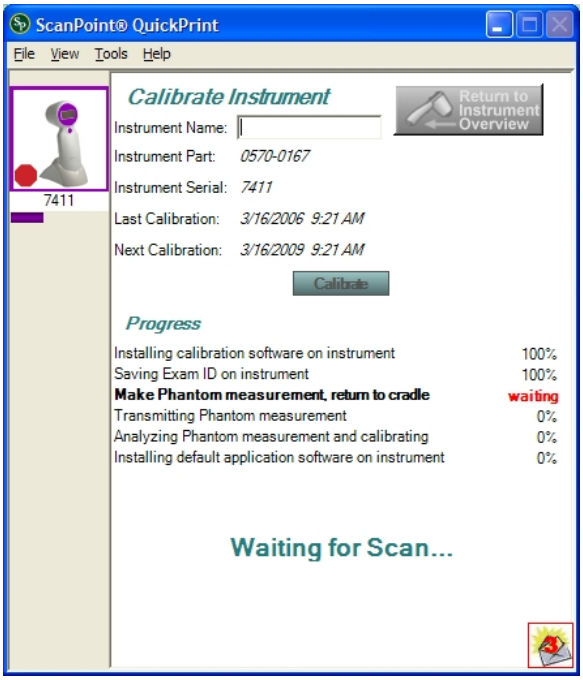
Figure 64. Processing Calibration Display


ScanPoint® QuickPrint
File View Tools Help
7411
Calibrate Instrument
Return to Instrument Overview
Instrument Name:
Instrument Part: 0570-0167
Instrument Serial: 7411
Last Calibration: 3/16/2006 9:21 AM
Next Calibration: 3/16/2009 9:21 AM
Calibrate
Progress
Installing calibration software on instrument 23%
Saving Exam ID on instrument 0%
Make Phantom measurement, return to cradle 0%
Transmitting Phantom measurement 0%
Analyzing Phantom measurement and calibrating 0%
Installing default application software on instrument 0%
*** Please do not remove instrument from cradle until transmission is complete ***
Processing Calibration...

3. When the calibration software download is complete you will be prompted to perform a scan (Figure 65).

   NOTE: Instead of the screen shown in Figure 65, you may see the message “Usage Expired. Please Calibrate Instrument.” Simply continue the steps below.

Figure 65. Waiting to Scan Prompt



4. Remove the instrument from its docking station and place it in the indentation in the lid. The probe (the black, rounded part of the scanhead) should be immersed in the water (Figure 66).

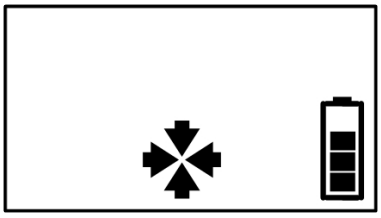
Figure 66. Instrument placement on the calibration container

5. To start the calibration test, press and release the TOP button. During the test, LCD screen displays the scan icon.

   When the scan is complete, the instrument beeps once, then analyzes the scan data to make sure it has made the correct measurements. Do not remove the instrument from the calibration tank yet: if necessary, the instrument may rescan the calibration target.

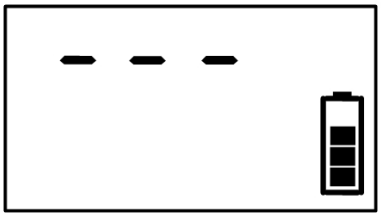
6. When the calibration is complete, the instrument chirps and displays all four positioning arrows on its LCD screen (Figure 67).

Figure 67. Calibration complete display



NOTE: If the calibration scan fails, the instrument displays three dashes on its LCD screen (Figure 68).

Figure 68. Calibration failed display



If the calibration failed, follow the steps above carefully to re-scan the calibration phantom. You may also return the instrument to the docking station without completing calibration. If you have trouble, contact your local Verathon® representative or the Verathon® Customer Care department at 1.800.331.2313.

7. Remove the instrument from the container lid and dry it with a soft, clean cloth.

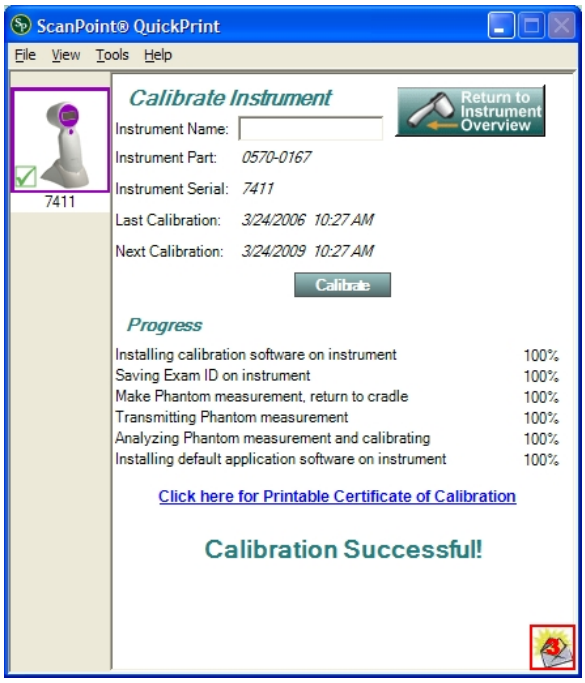
8. Place the instrument back in the docking station. It beeps and automatically transmits the calibration measurement data to ScanPoint® with QuickPrint. A down arrow is displayed on the LCD screen along with the percentage of data still to be transmitted.

   Important! Do not remove the instrument from the docking station until the process is complete and a green check mark appears in the instrument status box.

9. ScanPoint® with QuickPrint automatically sends the scanning program to the instrument. An up arrow is again displayed on the instrument's LCD screen while the upload takes place.

10. When calibration is complete, ScanPoint® QuickPrint displays a Calibration Successful message (Figure 69). The instrument is now calibrated.

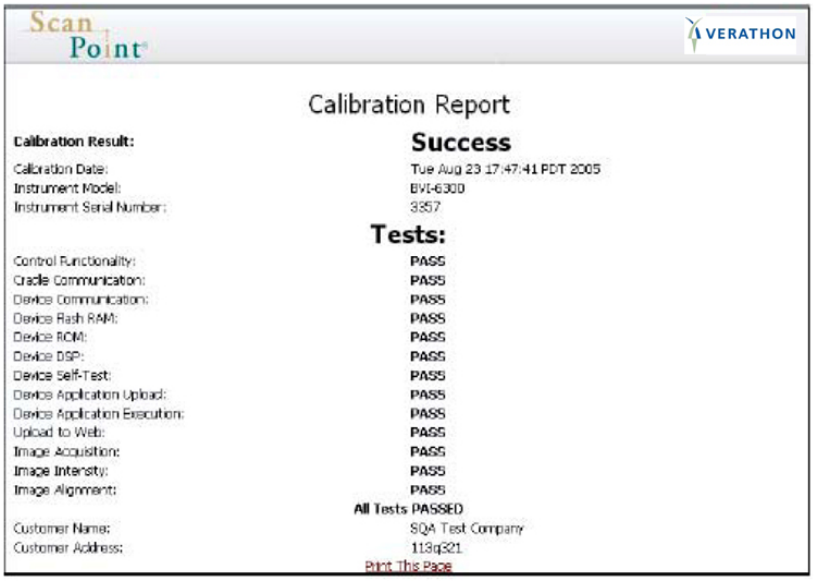
Figure 69. Calibration Successful Display



11. To view the Calibration Report, click CLICK HERE FOR PRINTABLE CERTIFICATE OF CALIBRATION. A browser window will open, displaying a Calibration Report (Figure 70).

    NOTE: A Certificate of Calibration can only be printed from this page. Exiting out of this view will require re-calibration to get a Certificate of Calibration.

Figure 70. Calibration Report



ScanPoint

VERATHON

Calibration Report

Calibration Result:	**Success**
Calibration Date:	Tue Aug 23 17:47:41 PDT 2005
Instrument Model:	BVI-6300
Instrument Serial Number:	3357
	Tests:
Control Functionality:	**PASS**
Cradle Communication:	**PASS**
Device Communication:	**PASS**
Device Flash RAM:	**PASS**
Device ROM:	**PASS**
Device DSP:	**PASS**
Device Self-Test:	**PASS**
Device Application Upload:	**PASS**
Device Application Execution:	**PASS**
Upload to Web:	**PASS**
Image Acquisition:	**PASS**
Image Intensity:	**PASS**
Image Alignment:	**PASS**
	All Tests PASSED
Customer Name:	SQA Test Company
Customer Address:	113q321

Print This Page

12. Click the Print This Page link at the bottom of the Calibration Report to print the Calibration Report.

Calibrating Your BladderScan® 9000 Series Device

IMPORTANT! If your BVI 9000 series device requires calibration but you do not have ScanPoint® with QuickPrint Bladder Imaging Technology software, please contact Verathon® Technical Support at 1.800.331.2313 (US & Canada) or 425.867.1348 (International).

To make sure that your BVI 9000 series device is providing the most accurate results, you must periodically calibrate it. Calibration ensures accurate and proper alignment of the instrument's internal coordinate system.

The entire calibration process takes approximately 15 minutes. You can calibrate your instrument as often as you like; you do not have to wait for the next scheduled calibration date. However, at a minimum, you must calibrate the instrument every 12 months.

Determining the Number of Days Until Required Calibration

Place the instrument within range of the Battery Charger/Wireless Hub that's connected to the ScanPoint® host computer.

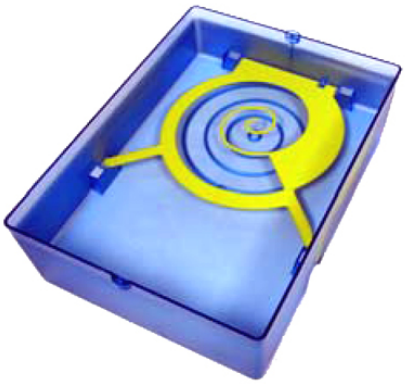
If a red calibration message is displayed, the instrument needs to calibrated.

Calibrating Your BVI 9000 Series Device:

1. Set up the calibration chamber in a location that is within range of Battery Charger/Wireless Hub.

   Place the calibration chamber on a flat, non-reflective surface and remove the lid. Pour clean, room temperature water into the container, filling to the indicator mark. Make sure the water contains a minimal amount of bubbles.

Figure 71. Prepare Calibration Chamber



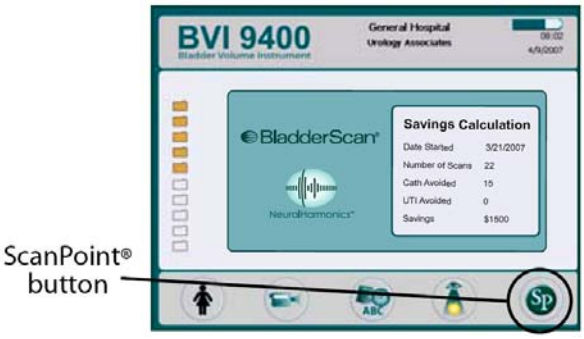
2. Place the Probe in the cutout in the top of the calibration chamber. Make sure the black tip of the Probe is submerged in the water.

Figure 72. Probe placement during calibration

3. From your desktop open ScanPoint® with QuickPrint by clicking the ScanPoint® icon.

4. Press the ScanPoint® button on the instrument (Figure 73). On the ScanPoint® with QuickPrint screen, click the FIND NEW button.

Figure 73. Press the ScanPoint® button on the instrument front panel to open a link to ScanPoint®



When ScanPoint® establishes a connection with the BVI 9000 device, an status icon will appear in the left margin of the ScanPoint® screen (Figure 74).

During calibration the instrument display shows a ScanPoint connection (Figure 75).

Figure 74. A status icon will appear when the BVI device is connected to ScanPoint®

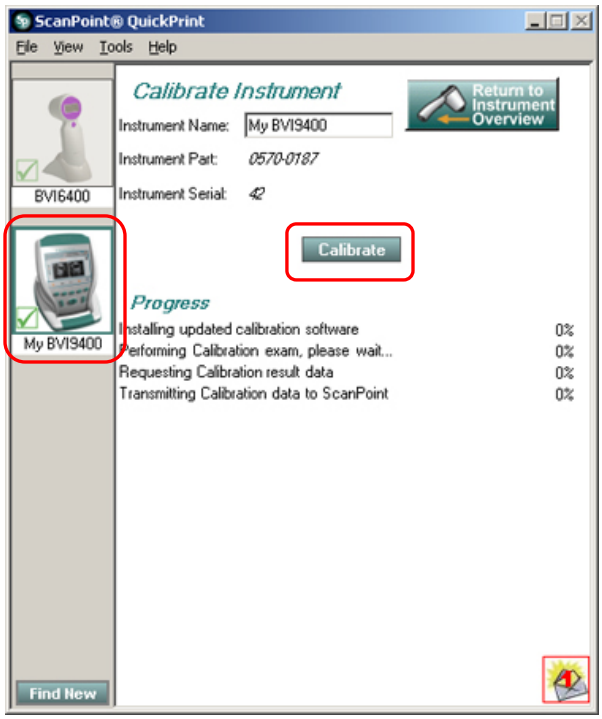


Figure 75. During calibration, the instrument screen displays a ScanPoint® connection

5. From the ScanPoint® Tools menu, select “Calibrate Instrument.” When the Calibration screen opens, click the CALIBRATE button (Figure 74). ScanPoint® then automatically scans and analyzes the calibration target.

   IMPORTANT! Do not remove the Probe from the calibration chamber until eight arrows appear on the Probe display (Figure 76). Do not disconnect the Battery

Charger / Wireless Hub from the computer or otherwise break the connection between the BVI 9000 series device and the ScanPoint® host computer until all processing is complete.

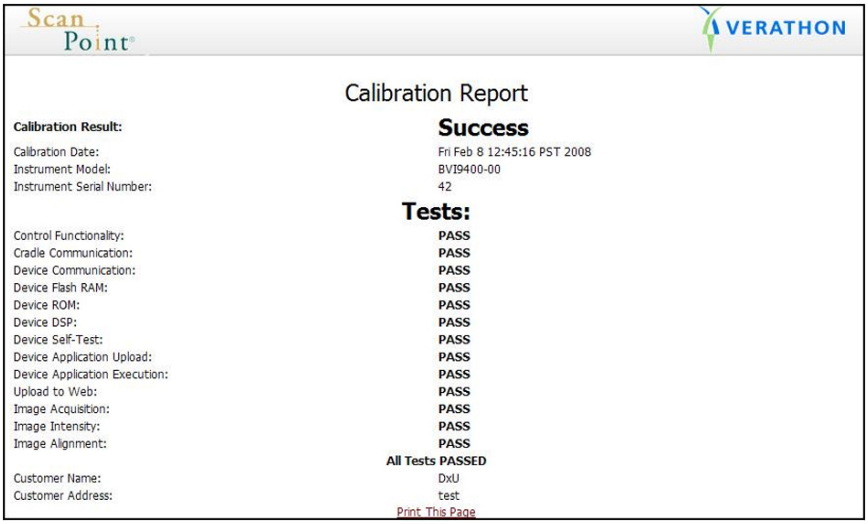
Figure 76. Calibration Complete display

6. If ScanPoint® was able to locate the calibration target, the instrument analyzes the scan data to ensure that it meets the calibration parameters. If necessary, the instrument automatically rescans the phantom. When calibration is complete, the instrument chirps and eight arrows appear on the Probe display (Figure 76). The message “Calibration Successful” is displayed in the ScanPoint screen (Figure 77).

Figure 77. Calibration Successful display

7. To print a record of the calibration, click the link: “Click Here for Printable Certificate Calibration of Calibration” (Figure 78).

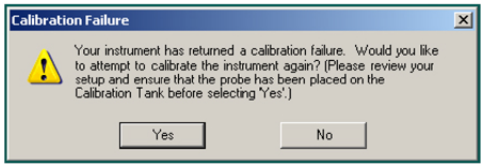
Figure 78. Calibration Certificate



8. If ScanPoint® was unable to locate the calibration target, an error message (Figure 79) instructs you to ensure that the Calibration Chamber has enough water and that the Probe is seated properly in the calibration system. You can choose to calibrate again or to quit the calibration process.

NOTE: If the calibration scan fails, or if you have trouble, contact your local Verathon Medical® representative or Verathon Medical® Customer Care at 1.800.331.2313.

Figure 79. Calibration Failure display


Calibration Failure
Your instrument has returned a calibration failure. Would you like to attempt to calibrate the instrument again? (Please review your setup and ensure that the probe has been placed on the Calibration Tank before selecting 'Yes'.)
Yes
No

9. To terminate the calibration procedure and end communication with the ScanPoint® computer, press the CANCEL button on the BVI device. Remove the Probe from the calibration chamber lid and dry it with a clean soft cloth.

Calibrating Your FloPoint® Elite

To make sure the FloSensor is providing accurate measurements, it must be calibrated at prescribed intervals.

The entire calibration process takes approximately 15 minutes.

You can calibrate the FloSensor as often as you like; you do not have to wait for the next scheduled calibration date. However, at a minimum, you must calibrate the FloSensor every 12 months.

NOTE: If your facility has signed up for the ScanPoint® Online Service Plan, you will automatically receive the Calibration Fluid 4-pack and a Calibration Quick Reference Card approximately 30 days before your FloSensor requires calibration (Figure 80).

Figure 80. FloPoint® Elite Calibration Fluid and Calibration Quick Reference Card.

0800-0331

Calibration Fluid Pouch
Pouch containing unique fluid for use in calibrating the FloPoint® Elite.

0900-1444

FloPoint® Elite Calibration Quick Reference Card:
Provides instructions for the FloPoint® Elite calibration procedure.

Determining the Number of Days Until Required Calibration

1. Clear the Remote of saved exam data by placing it in the ScanPoint® Docking Station and saving the exam data to ScanPoint®.

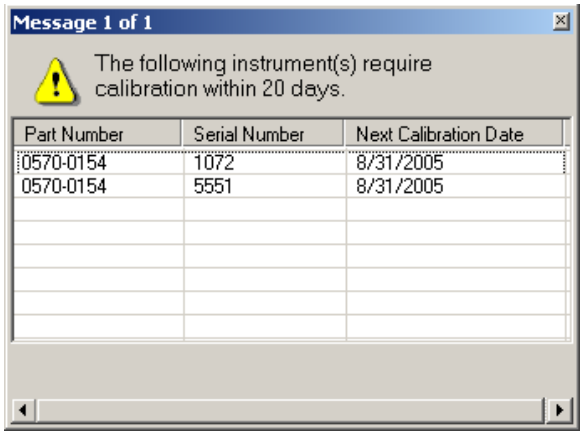
2. Remove the Remote from the ScanPoint® Docking Station. Press and hold down the Start button for at least five seconds. The LCD screen displays the "setting sun" icon and the number of days until the required calibration date - 120 in the illustration below.

Figure 81. Display showing the number of days before the next required calibration

NOTE: When the Remote displays and **000** calibration is required.

When there are 20 days remaining before the next required calibration, a warning message appears in ScanPoint® with QuickPrint (Figure 82).

Figure 82. ScanPoint® Calibration Warning Message

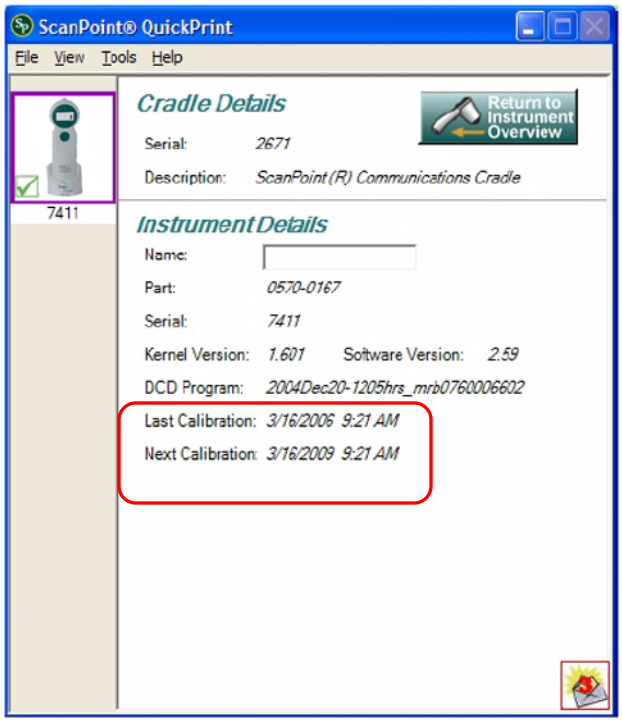


To view the date for the next scheduled calibration:

1. Place the Remote in the ScanPoint® Docking Station.

2. In ScanPoint® with QuickPrint, go to the View menu and select INSTRUMENT DETAILS. The Instrument Details dialog will open (Figure 83).

Figure 83. Instrument Details Dialog



The last two lines of information in the dialog provide the date of the last calibration and the date of the next required calibration.

3. Click the green RETURN TO INSTRUMENT OVERVIEW button to close the dialog and return to the Instrument Overview (Prepare New Exam) pane.

Calibrating the FloSensor using ScanPoint® with QuickPrint

1. Place the Remote in the ScanPoint® Docking Station.

   When the ScanPoint® with QuickPrint main window opens (Figure 84), click the CALIBRATE button or select the “Tools” menu and click the “Calibrate Instrument” menu item.

2. The Calibrate Instrument screen will open. Click the CALIBRATE button on this dialog to begin configuring the Remote for the calibration procedure.

Figure 84. ScanPoint® with QuickPrint main window

3. When the Remote is configured, take it, along with a paper funnel, the pouches containing the Calibration Fluid (available from Verathon®), and the FloCharger (with FloSensor inside) to the toilet.

   Place the Remote, funnel, and Calibration Fluid on the counter. Place the FloCharger gently on the floor.

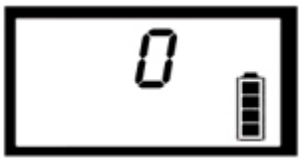
4. Put on a pair of gloves. Remove the FloSensor from the FloCharger and hang it in the toilet bowl just as you would for an exam.

   Place the funnel on top of the FloSensor and push the tabs under the handles to hold it securely in place.

Figure 85. Positioning the FloSensor

5. Pick up the Remote and press the button once to start recording an exam. The Remote will play a “tune up” chirp indicating that the FloSensor is ready to measure the calibration flow.

Figure 86. Ready to Calibrate display



6. Slowly pour the contents of one of the Calibration Fluid pouches onto the side of the funnel closet to the front of the toilet. The flow rate should not exceed 10ml/s as measured by the Remote.

7. When the pouch is empty, click the Start button once to end the exam.

   Depending on what appears on the Remote display, the calibration was either successful (go to step 8), or unsuccessful (go to step 10).

If the Calibration was Successful

8. If the calibration is successful, four arrows and “3 - 3” are displayed (Figure 87). The Remote plays a “siren” chirp indicating that it needs to be placed back in the ScanPoint® Docking Station to complete the calibration process.

Figure 87. Calibration successful display

9. When you have performed a successful calibration - or when three calibration flows have been attempted - return the FloSensor to the FloCharger and flush the toilet.

   Remove your gloves and return the Remote to the ScanPoint® Docking Station for re-configuration.

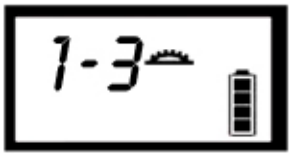
If the Calibration was Unsuccessful

10. The Remote will emit an error beep.

    A maximum of three calibration flows can be conducted during a calibration exam.

Return to step 5 on page 92 to repeat a calibration flow.

Figure 88. Calibration unsuccessful display



The display shows the current attempt number and the total allowable number of attempts possible, in this case, “one out of three.”

Completing Calibration

11. When you have performed a successful calibration - or when three calibration flows have been attempted - return the FloSensor to the FloCharger and flush the toilet. Dispose of the funnel as medical waste.

    Remove your gloves and return the Remote to the ScanPoint® Docking Station for re-configuration.

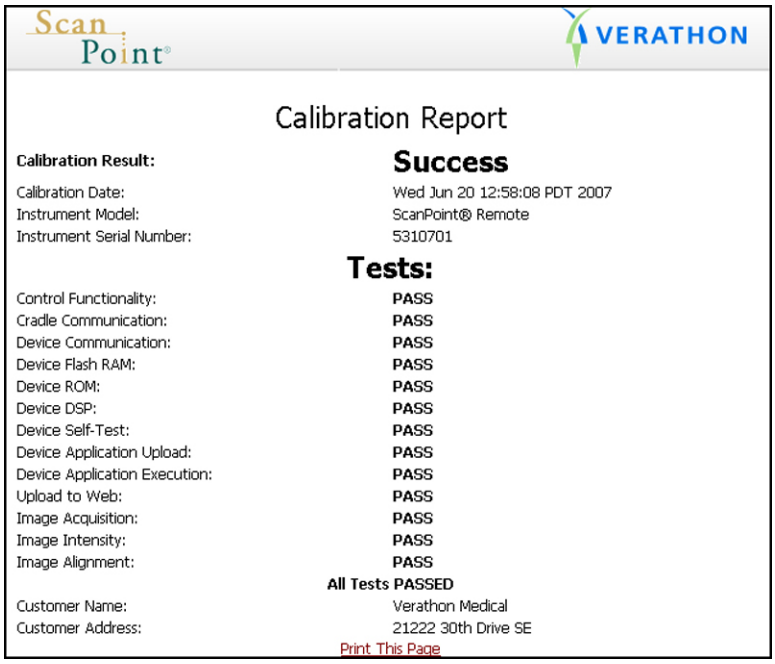
    NOTE: If calibration was unsuccessful after three attempts: Return to ScanPoint® and complete the Calibration Exam. You may continue to use your FloPoint® Elite or contact Verathon Medical® Customer Care for assistance at 1.800.331.2313.

12. Return the Remote to the ScanPoint® Docking Station. The Remote will upload the calibration data to ScanPoint®. ScanPoint® verifies the calibration and assigns a new expiry date to the FloSensor. This should take only a minute.

13. ScanPoint® completes the calibration process by re-installing the Remote software so the Remote can perform patient exams.

14. If desired, select PRINT to print a Calibration Report (Figure 89).

Figure 89. Calibration Report



ScanPoint® VERATHON

Calibration Report

Calibration Result:	**Success**
Calibration Date:	Wed Jun 20 12:58:08 PDT 2007
Instrument Model:	ScanPoint® Remote
Instrument Serial Number:	5310701

Tests:

Control Functionality:	**PASS**
Cradle Communication:	**PASS**
Device Communication:	**PASS**
Device Flash RAM:	**PASS**
Device ROM:	**PASS**
Device DSP:	**PASS**
Device Self-Test:	**PASS**
Device Application Upload:	**PASS**
Device Application Execution:	**PASS**
Upload to Web:	**PASS**
Image Acquisition:	**PASS**
Image Intensity:	**PASS**
Image Alignment:	**PASS**
	All Tests PASSED
Customer Name:	Verathon Medical
Customer Address:	21222 30th Drive SE

Print This Page

Troubleshooting and Maintenance

Verathon® provides an extensive array of customer care resources, described in the table below.

You can obtain copies of this manual, Quick Reference Cards, and clinical studies and view training videos by accessing the Verathon® Web site at http://www.verathon.com or by contacting your Verathon Medical® representative. A complete listing of contact information is provided on page 100.

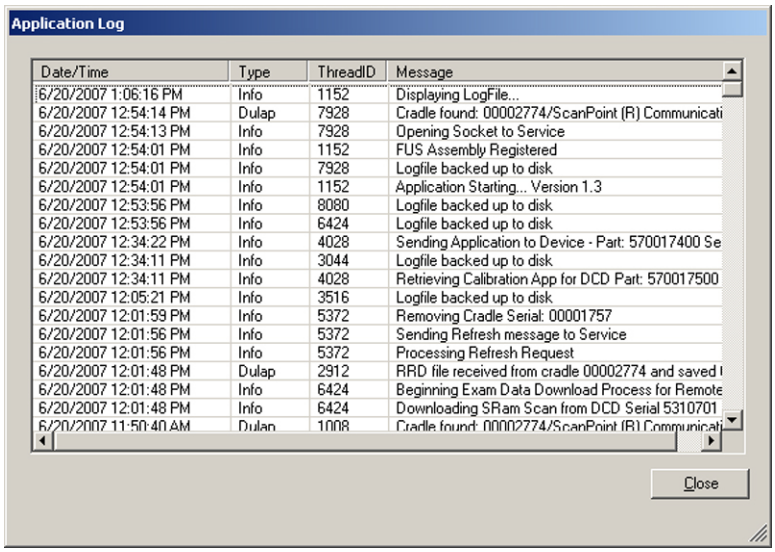
Table 11. Verathon® Help Resources

Resource	Description
Quick Reference Cards	Summary of procedures for using the FloPoint® Elite Uroflow System and BladderScan® devices.
This manual	Refer to the troubleshooting suggestions that begin on page 96 for solutions to common problems.
The Verathon® Web site	The Verathon® Web site (www.verathon.com) provides the latest user manuals, quick reference cards, clinical studies, and training videos.
ScanPoint® with QuickPrint Software Install CD	ScanPoint® with QuickPrint software.
In-Service CDs	Available for all BVI 6000, BVI 9000, and FloPoint® devices. Includes User's Manual and Quick Reference Cards.
ScanPoint® Help	From your ScanPoint® application, select **Help** from the toolbar at the top of the ScanPoint® window.
ScanPoint® Online	ScanPoint® Online provides: ◆ Access to real-time troubleshooting from Verathon®. ◆ The ability to calibrate and certify their devices online anytime they wish . ◆ Automatic software upgrades. ◆ Automatic data backup and archiving (HIPAA compliant).
System Diagnostics	This tool checks your system and lets you know of any problems or needed updates.

Real Time System Diagnostics

If you are experiencing problems, the Verathon Medical® Customer Care department may request permission to view your application log. After you consent to sending the log to Verathon Medical® the log will be automatically transmitted to the Verathon Medical® Customer Care department. (Figure 90).

Figure 90. Application Log


Application Log
Date/Time
Type
ThreadID
Message
6/20/2007 1:06:16 PM Info 1152 Displaying LogFile...
6/20/2007 12:54:14 PM Dulap 7928 Cradle found: 00002774/ScanPoint (R) Communicati
6/20/2007 12:54:13 PM Info 7928 Opening Socket to Service
6/20/2007 12:54:01 PM Info 1152 FUS Assembly Registered
6/20/2007 12:54:01 PM Info 7928 Logfile backed up to disk
6/20/2007 12:54:01 PM Info 1152 Application Starting... Version 1.3
6/20/2007 12:53:56 PM Info 8080 Logfile backed up to disk
6/20/2007 12:53:56 PM Info 6424 Logfile backed up to disk
6/20/2007 12:34:22 PM Info 4028 Sending Application to Device - Part: 570017400 Se
6/20/2007 12:34:11 PM Info 3044 Logfile backed up to disk
6/20/2007 12:34:11 PM Info 4028 Retrieving Calibration App for DCD Part: 570017500
6/20/2007 12:05:21 PM Info 3516 Logfile backed up to disk
6/20/2007 12:01:59 PM Info 5372 Removing Cradle Serial: 00001757
6/20/2007 12:01:56 PM Info 5372 Sending Refresh message to Service
6/20/2007 12:01:56 PM Info 5372 Processing Refresh Request
6/20/2007 12:01:48 PM Dulap 2912 RRD file received from cradle 00002774 and saved
6/20/2007 12:01:48 PM Info 6424 Beginning Exam Data Download Process for Remote
6/20/2007 12:01:48 PM Info 6424 Downloading SRam Scan from DCD Serial 5310701
6/20/2007 11:50:40 AM Dulap 1008 Cradle found: 00002774/ScanPoint (R) Communicati
Close

The application log has a record of all the actions the ScanPoint® with QuickPrint program has performed. There is no patient health information included. You can see your application log by going to the View menu and selecting “Application Log.”

Common Issues and Solutions

Table 12, below, lists common problems along with explanations and suggestions for resolving them. If you cannot find a solution here, contact your local Verathon® representative or the Verathon Medical® Customer Care department at 1.800.331.2313.

Table 12. Common Issues and Solutions

Question	Solution
How can I improve my system security and privacy?	Please review the Security Best Practices guidelines available in the ScanPoint® with QuickPrint Help menu.
What should I do when I insert the installation CD into my CD drive and the installation window does not appear?	1. From Windows®, open My Computer. 2. Double-click your CD drive icon. 3. Double-click the setup.exe file.

Question	Solution
When I enter my ScanPoint® user name and password into ScanPoint® QuickPrint, I get a message, "Warning! Authentication Failed."	Try the following: ◆ Double-check the user name and password that Verathon® assigned to you. Press Connect to log in to ScanPoint®. ◆ Check that the ScanPoint® URL text box reads: "https://my.scanpoint.com". If not, press Change, enter the correct Web site, press Save, and try to connect to ScanPoint® Online again. ◆ Verify that you have an Internet connection. For example, try launching Internet Explorer and navigating to a common Web site. If you still cannot connect, contact the Verathon Medical® Customer Care department.
I can't see the ScanPoint® icon in my system tray.	The ScanPoint® with QuickPrint icon does not appear in the system tray when: ◆ The ScanPoint® with QuickPrint window is open in the background. Look for a ScanPoint® icon on your task bar, and click it to bring the QuickPrint window to the front. ◆ You have exited ScanPoint® with QuickPrint. See "Starting ScanPoint® with QuickPrint" on page 31 for instructions on starting QuickPrint.
I can't access the ScanPoint® Web site.	Check your Internet connection.
I can't access some of the menu options.	You can access only the features associated with your user profile. (for example, Administrator, Technical, or Clinical). Please refer to "About User Profiles" on page 30 for more information.
I can't find certain exam results.	Make sure that the exam was transmitted to your account and not to someone else's. If it was transmitted to your account and you can't find it, one of the following conditions may apply: ScanPoint® may not have validated the exam yet. Wait a few minutes and try again. The exam results may have already been viewed. If so, go to the Past Exams page and request the results again.
My account has expired. How can I renew it?	Contact the Verathon® Medical Customer Care Department at 1.800.331.2313.

Question	Solution
How do I un-install ScanPoint® with QuickPrint?	To remove ScanPoint® with QuickPrint from your computer: 1. From the Windows® Start menu, choose "Control Panel" to open the Control Panel. 2. Double-click the "Add or Remove Programs" icon. 3. Locate ScanPoint® with QuickPrint in the software list, and click to highlight it. 4. Press the "Remove" button to un-install ScanPoint® with QuickPrint.
ScanPoint® with QuickPrint prints my labels in the wrong size.	Your ScanPoint® Label Writer paper size setting may need to be changed. From the Start menu: 1. In Windows® XP, choose Printers and Faxes. In Windows® 2000, choose Settings, then "Printer Settings." 2. Right-click ScanPoint® Label Writer in the list of printers, and choose "Printing Preferences." 3. Click Advanced. 4. Choose "Verathon®" from the drop-down list next to Paper Size.
I can't start the ScanPoint® program.	Exit all your Internet Explorer windows and restart the program.
I can't sign in to ScanPoint®.	You may have mis-typed your user name or password. Try re-typing them again, making sure of spelling and correct use of upper and lower case letters. If you can't remember your login name or password, contact the Verathon Medical® Customer Care Department at 1.800. 331.2313.
My ScanPoint® session has expired.	Your ScanPoint® session has timed out because it was idle for over 12 hours. Close the ScanPoint® browser window and re-login.
The BladderScan® (FloPoint®) device won't communicate with ScanPoint®.	Check the connections between the Docking Station (Wireless Hub) and the USB port on your computer. Try unplugging and then re-plugging in the USB connector. Verify that ScanPoint® with QuickPrint software is installed.

Updating ScanPoint® with QuickPrint

Whenever updates to the program are available, ScanPoint® with QuickPrint automatically sends you a message with instructions on how to download the updates. You can also check for and install updates manually by going to the Tools menu and selecting “Check for Updates.”

Contacting Verathon®

The team at Verathon® is committed to modernizing healthcare delivery by putting patients first. Our products support healthcare professionals by providing the highest level of accuracy, utility, and excellence. For additional product and company information, visit the Verathon® Web site at http://www.verathon.com. If you have any questions or comments about Verathon® products and services, please contact us at:

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For more information, call 800.331.2313 (in the U.S. and Canada) or contact your local Verathon Medical® representative.

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